JUL 19 2010

Mathew Towers
O’Neill Beverages Co., LLC
8418 S. Lac Jac Avenue
Parlier, CA 93654

Re: Notice of Preliminary Decision - Authority to Construct
Project Number: C-1101398

Dear Mr. Towers:

Enclosed for your review and comment is the District's analysis of O’Neill Beverages Co., LLC's application for an Authority to Construct for the modification to 50 existing wine storage tanks and the installation of 49 new wine fermentation and storage tanks, at 8418 S. Lac Jac Avenue in Parlier, CA.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day public comment period which begins on the date of publication of the public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Derek Fukuda of Permit Services at (559) 230-5917.

Sincerely,

David Warner
Director of Permit Services

Enclosures
Dear Mr. Tollstrup:

Enclosed for your review and comment is the District's analysis of O'Neill Beverages Co., LLC's application for an Authority to Construct for the modification to 50 existing wine storage tanks and the installation of 49 new wine fermentation and storage tanks, at 8418 S. Lac Jac Avenue in Parlier, CA.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day public comment period which begins on the date of publication of the public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Derek Fukuda of Permit Services at (559) 230-5917.

Sincerely,

[Signature]

David Warner
Director of Permit Services

DW:df

Enclosure
Re: Notice of Preliminary Decision - Authority to Construct
Project Number: C-1101398

Dear Mr. Rios:

Enclosed for your review and comment is the District's analysis of O'Neill Beverages Co., LLC's application for an Authority to Construct for the modification to 50 existing wine storage tanks and the installation of 49 new wine fermentation and storage tanks, at 8418 S. Lac Jac Avenue in Parlier, CA.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day public comment period which begins on the date of publication of the public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Derek Fukuda of Permit Services at (559) 230-5917.

Sincerely,

David Warner
Director of Permit Services

Enclosure
NOTICE OF PRELIMINARY DECISION
FOR THE PROPOSED ISSUANCE OF
AN AUTHORITY TO CONSTRUCT

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Unified Air Pollution Control District solicits public comment on the proposed issuance of Authority to Construct to O'Neill Beverages Co., LLC for the modification to 50 existing wine storage tanks and the installation of 49 new wine fermentation and storage tanks, at 8418 S. Lac Jac Avenue in Parlier, CA.

The analysis of the regulatory basis for this proposed action, Project #C-1101398, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. Written comments on this project must be submitted within 30 days of the publication date of this notice to DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, 1990 EAST GETTYSBURG AVENUE, FRESNO, CA 93726.
I. PROPOSAL

O'Neill Beverages Company requests Authority to Construct (ATC) permits for the installation of 49 new red and white wine fermentation and storage tanks and the modification of 50 existing wine storage tanks (existing ATC's -330-1 through -382-1 are included in Appendix A). The proposed modification to the existing tanks is the addition of a fermentation process to the tanks, and the inclusion of the emissions from fermentation in the facility's Selective Limiting Condition (SLC) for fermentation emissions. In addition, the facility has proposed to include the fermentation emissions from the new tanks in the facility's SLC for fermentation emissions and limit the storage emissions to 5,000 lb-VOC per year.

Winery tanks potentially operate as two separate emissions units; typically they are used for fermentation operations during the crush season and then are used for storage tank operations when not in use as a fermenter. This project is an NSR modification of wine storage tanks to add the ability to ferment wine. Existing storage tank emissions units in this project are not undergoing a modification by this project as defined in District Rule 2201; however, since tank permits C-629-332 through -382 at this facility will be revised as a result of the installation of the fermentation emission unit associated with each tank, current prohibitory conditions for compliance with District Rule 4694 will be added to the permits as applicable.

Additionally, under projects C-1092457 and C-1094900, O'Neill Beverages Company received ATC's C-629-333-0 through C-629-382-0 for the installation of various new wine storage tanks. Also under project C-1100281, O'Neill Beverages Company received ATC's C-629-333-1 through C-629-382-1 for the modification to several wine tanks. As of the date of this document, these ATC's have not been converted to permits to operate. However, the facility has indicated that the changes authorized by each of the ATC's referenced above has either already been, or will be, completed prior to the changes being authorized under this project. Therefore, it can be considered that each of these ATC's have been implemented for the purposes of this project. In
this case, the ATC's are considered their temporary permits and will be used as the base permits for this project and the proposed changes will be treated as modifications to the existing equipment. The following condition will be included on each of these new ATC's for units C-629-333 through -382 to ensure continued compliance:

- This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-333-1.\(^{(1)}\) [District Rule 2201]

II. APPLICABLE RULES

District Rule 2201 New and Modified Stationary Source Review Rule (9/21/06)
District Rule 2520 Federally Mandated Operating Permits (6/21/01)
District Rule 4001 New Source Performance Standards (4/14/99)
District Rule 4002 National Emissions Standards for Hazardous Air Pollutants (5/20/04)
District Rule 4101 Visible Emissions (2/17/05)
District Rule 4102 Nuisance (12/17/92)
District Rule 4694 Wine Fermentation and Storage Tanks (12/15/05)
California Health and Safety Code Section 41700 (Health Risk Assessment)
California Health & Safety Code Section 42301.6 (School Notice)
Public Resources Code 21000-21177 California Environmental Quality Act (CEQA)
California Code of Regulations, Title 14, Division 6, Chapter 3, Sections 15000-15387: CEQA Guidelines

III. PROJECT LOCATION

This facility is located at 8418 S. Lac Jac Road in Parlier, CA.

The District has verified that the equipment is not located within 1,000 feet of the outer boundary of a K-12 school. Therefore, the public noticing requirement of California Health and Safety Code 42301.6 does not apply.

IV. PROCESS DESCRIPTION

O'Neill Beverages Co. produces both red and white table wines, as well as other specialty wine products, from the fermentation of grapes. During the "crush season", typically from late August to late November, both red and white grapes are received by truck and delivered to a crusher-stemmer which serves to crush the grapes and remove the stems. In the case of red wines, the resultant juice (termed "must" and containing the grape skins, pulp and seeds) is pumped to red wine fermentation tanks for fermentation, a batch process. The red wine fermentation tanks are specifically designed to ferment the must in contact with the skins and to allow the separation of the skins and seeds from the wine after fermentation. In the case of white wines, the must is first sent to screens and presses for separation of grape skins and seeds prior to fermentation. After separation of the skins and seeds, the white must is transferred to a

\(^{(1)}\) Specific condition included on each ATC will include the ATC number for that particular unit (e.g. C-629-333-1).
fermentation tank. White wine fermentation can be carried out in a tank without design provisions for solids separation since the skins and seeds have already been separated.

After transfer of the must (red or white) to the fermentation tank, the must is inoculated with yeast which initiates the fermentation reactions. During fermentation, the yeast metabolizes the sugar in the grape juice, converting it to ethanol and carbon dioxide and releasing heat. Although fermentation temperatures vary widely depending upon the specific quality and style of the wine, temperature is typically controlled to maintain a temperature of 45-70° F for white wine fermentation and 70-85° F for red wine fermentation. The sugar content of the fermentation mass is measured in °Brix (weight %) and is typically 22-26° for unfermented grape juice, dropping to 4° or less for the end of fermentation. Finished ethanol concentration is approximately 10 to 14 percent by volume. Batch fermentation requires 3-5 days per batch for red wine and 1-2 weeks per batch for white wine. VOC's are emitted during the fermentation process along with the CO₂. The VOC's consist primarily of ethanol along with minor fermentation byproducts.

Following the completion of fermentation, white wine is transferred directly to storage tanks. Red wine is first directed to the presses for separation of solids and then routed to the storage tanks. All tanks in the winery typically operate as two separate emissions units; 1) a fermentation operation during which the tank is vented directly to the atmosphere to release the evolved CO₂ byproduct from the fermentation reaction; and 2) a storage operation where the tank is closed to minimize contact with air and the contents is often refrigerated. Post-fermentation operations are conducted in the tanks including cold stabilization, racking, filtration, etc which result in a number of inter-tank transfers of the wine during this period leading up to the bottling or bulk shipment of the finished product. Storage operations are conducted year-round. VOC emissions occur primarily as a result of the inter-tank wine transfers which occur during the post fermentation operations.

V. EQUIPMENT LISTING

Pre-Project Equipment Descriptions:

Units C-629-333-1 through -382-1

The pre-project equipment descriptions for the winery tanks associated with this project can be found in Appendix B.

Proposed Modifications:

Units C-629-333-2 through -382-2

- Add wine fermentation as an operation that can take place in the tanks.
Post Project Equipment Descriptions:

Units C-629-333-2 through -382-2 and C-629-383-0 through -431-0

The post project equipment descriptions for the winery tanks associated with this project can be found in Appendix C.

VI. EMISSION CONTROL TECHNOLOGY EVALUATION

VOC's (ethanol) are emitted from wine storage tanks as a result of both working losses (which occur when the liquid level in the tank changes) and breathing losses (expansion and contraction effects due to temperature variations). The proposed pressure/vacuum valve limits these emissions by requiring the maximum amount of variation in tank pressure before allowing the tank to vent to the atmosphere or allowing air admission to the tank. When wine storage tanks are insulated or located in a climate controlled building, breathing losses are considered to be negligible.

VII. GENERAL CALCULATIONS

A. Assumptions

- The only pollutant emitted by the units in this project are VOC emissions.
- The maximum operating schedule for this facility is 24 hours/day and 365 days/year.
- Winery tanks generally consist of two emissions units; 1) a fermentation tank emissions unit and 2) a wine storage tank emissions unit.

Units C-629-333-2 through -382-2:

- Facility Wide VOC emission limit for fermentation emissions is 410,502 lb-VOC/year. (current permits)
- Breathing losses from the storage tanks will be negligible since they are insulated tanks and equipped with PV valves.

Units C-629-383-0 through -431-0:

- Maximum ethanol volume stored is 23.9%. (per applicant)
- Facility Wide VOC emission limit for fermentation emissions is 410,502 lb-VOC/year. (current permits)
- Combined annual VOC emissions from wine storage from these units will be limited to 5,000 lb-VOC/year. (per applicant)
- Breathing losses from the storage tanks will be negligible since they are insulated tanks or located inside of temperature controlled buildings. (per applicant)
- Daily Storage Throughput (per applicant)
  350,000 gallon tanks: 392,000 gallons
  87,000 gallon tanks: 261,000 gallons
  13,300 gallon tanks: 66,500 gallons
B. Emission Factors

The required emission factors for fermentation and storage operations are taken from District FYI-114, Estimating VOC Emissions from Winery Tanks, with storage tank emission factors interpolated from Table 1. FYI 114 is attached as Appendix F.

Pre-Project Emission Factors:

Units C-629-333-1 through -382-1:

These tanks are new emissions units for the wine fermentation operations, therefore there is no pre project emission factor.

Units C-629-383-0 through -431-0:

These tanks are new emissions units, therefore there is not pre project emission factor.

Post Project Emission Factors:

Units C-629-333-2 through -382-2:

The facility has indicated that they will be fermenting both red and white wines in these tanks. Since the red wine emission factor is higher, it will be used for all emission calculations.

Daily Fermentation EF = 3.46 lb-VOC/1,000 gallon tank capacity per day

The facility is proposing to include the emissions from these tanks in the current facility wide wine fermentation emission limit; therefore annual emissions from the wine fermentation will not be calculated.

Units C-629-383-0 through -431-0:

Wine Storage Working Losses @ 23.9% Ethanol:

Daily EF: 0.490 lb-VOC/1000 gallons daily throughput

The facility is proposing to limit the annual combined VOC emissions from wine storage from these tanks to 5,000 lb-VOC/year; therefore annual emissions from the wine fermentation will not be calculated.

However, the facility will need to calculate the VOC emissions from their operation to demonstrate compliance with the combined annual VOC emission limit. Therefore, the annual VOC emissions from the wine storage operations in these tanks will be determined using the emission factors listed in FYI 114 and generating a curvefit equation from the known values. The curvefit equation generated from the known
values in FYI 114 was determined to be as follows (see additional information in Appendix D):

\[ \text{VOC Emission (lb-VOC/1000 gallons throughput)} = 1.705259 \times \left[ \% \text{ ethanol content of wine stored} \right]^{0.090407} \]

**Wine Fermentation:**

The facility has indicated that they will be fermenting both red and white wines in these tanks. Since the red wine emission factor is higher, it will be used for all emission calculations.

Daily Fermentation EF = 3.46 lb-VOC/1,000 gallon tank capacity per day

The facility is proposing to include the emissions from these tanks in the current facility wide wine fermentation emission limit; therefore annual emissions from the wine fermentation will not be calculated.

**D. Calculations**

1. **Pre-Project Potential to Emit (PE1)**

Since these are new emissions units, PE1 = 0 for all criteria pollutants.

2. **Post-Project Potential to Emit (PE2)**

**Units C-629-333-2 through -382-2:**

**Daily PE:**

The daily VOC emissions from the fermentation of wine in each of these tanks can be determined using the emission factor listed above and the capacity of the tank.

Daily Fermentation VOC PE = EF (lb-VOC/1,000 gallons tank capacity per day) x Tank Capacity (gallons)
Annual PE:

The facility has proposed to include the annual emissions from these units in the facility wide fermentation emission limit.

**Annual VOC PE = 410,502 lb-VOC/year**

Units C-629-383-0 through -431-0:

Daily PE:

The daily VOC emissions from the storage of wine in each of these tanks can be determined using the emission factor listed above (specific based on the maximum ethanol content of the wine being stored) and the daily wine storage throughput limits proposed by the applicant as a part of this project:

**Daily VOC PE = EF (lb-VOC/1,000 lb gallons) \times Throughput (gallons/day)**

<table>
<thead>
<tr>
<th>Permit</th>
<th>Tank Capacity (gallons)</th>
<th>Emission Factor (lb-VOC/gallons)</th>
<th>VOC PE (lb/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-629-333-2</td>
<td>6,500</td>
<td>3.46</td>
<td>22.5</td>
</tr>
<tr>
<td>through -338-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-629-339-2</td>
<td>196,000</td>
<td>3.46</td>
<td>678.2</td>
</tr>
<tr>
<td>through -342-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-629-343-2</td>
<td>86,780</td>
<td>3.46</td>
<td>300.3</td>
</tr>
<tr>
<td>through -348-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-629-349-2</td>
<td>13,300</td>
<td>3.46</td>
<td>46.0</td>
</tr>
<tr>
<td>through -358-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-629-359-2</td>
<td>45,226</td>
<td>3.46</td>
<td>156.5</td>
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<tr>
<td>through -364-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-629-365-2</td>
<td>120,000</td>
<td>3.46</td>
<td>415.2</td>
</tr>
<tr>
<td>and -366-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-629-367-2</td>
<td>87,000</td>
<td>3.46</td>
<td>301.0</td>
</tr>
<tr>
<td>through -382-2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Permit</th>
<th>Maximum Ethanol Content (%)</th>
<th>Emission Factor (lb-VOC/1,000 gallons)</th>
<th>Throughput (gallons/day)</th>
<th>VOC PE (lb/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-629-383-0</td>
<td>23.9</td>
<td>0.490</td>
<td>392,000</td>
<td>192.1</td>
</tr>
<tr>
<td>through -387-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-629-388-0</td>
<td>23.9</td>
<td>0.490</td>
<td>261,000</td>
<td>127.9</td>
</tr>
<tr>
<td>through -401-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-629-402-0</td>
<td>23.9</td>
<td>0.490</td>
<td>66,500</td>
<td>32.6</td>
</tr>
<tr>
<td>through -431-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The daily VOC emissions from the fermentation of wine in each of these tanks can be determined using the emission factor listed above and the capacity of the tank.

Daily Fermentation VOC PE = EF (lb-VOC/1,000 gallons tank capacity per day) x Tank Capacity (gallons)

<table>
<thead>
<tr>
<th>Permit</th>
<th>Tank Capacity (gallons)</th>
<th>Emission Factor (lb-VOC/gallons tank capacity per day)</th>
<th>VOC PE (lb/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-629-383-0 through -387-0</td>
<td>350,000</td>
<td>3.46</td>
<td>1,211.0</td>
</tr>
<tr>
<td>C-629-388-0 through -401-0</td>
<td>87,000</td>
<td>3.46</td>
<td>301.0</td>
</tr>
<tr>
<td>C-629-402-0 through -431-0</td>
<td>13,300</td>
<td>3.46</td>
<td>46.0</td>
</tr>
</tbody>
</table>

Annual PE:

The facility has proposed to limit the wine storage annual emissions from these units to 5,000 lb-VOC/year.

Annual VOC PE = 5,000 lb-VOC/year

The facility has proposed to include the annual emissions from these units in the facility wide fermentation emission limit.

Annual VOC PE = 410,502 lb-VOC/year

3. Pre-Project Stationary Source Potential to Emit (SSPE1)

Pursuant to Section 4.9 of District Rule 2201, the Pre-Project Stationary Source Potential to Emit (SSPE1) is the Potential to Emit (PE) from all units with valid Authorities to Construct (ATC) or Permits to Operate (PTO) at the Stationary Source and the quantity of emission reduction credits (ERC) which have been banked since September 19, 1991 for Actual Emissions Reductions that have occurred at the source, and which have not been used on-site.

SSPE1 calculations are necessary to aid the following determinations:
- If the facility is becoming a new Major Source,
- An offset threshold will be surpassed, or
- A Stationary Source Increase in Permitted Emissions (SSIPE) public notice is triggered
This project only concerns VOC emissions. This facility acknowledges that its VOC emissions are already above the Offset and Major Source Thresholds for VOC emissions. Additionally, since the only annual emissions change resulting from this project are the annual emissions increase associated with the 49 new storage tanks and this facility has not banked any emissions, an SSIPE determination can be made without calculating the SSPE1; therefore, SSPE1 calculations are not necessary.

4. Post-Project Stationary Source Potential to Emit (SSPE2)

Pursuant to Section 4.10 of District Rule 2201, the Post Project Stationary Source Potential to Emit (SSPE2) is the Potential to Emit (PE) from all units with valid Authorities to Construct (ATC) or Permits to Operate (PTO) at the Stationary Source and the quantity of emission reduction credits (ERC) which have been banked since September 19, 1991 for Actual Emissions Reductions that have occurred at the source, and which have not been used on-site.

SSPE2 calculations are necessary to aid the following determinations:
- If the facility is becoming a new Major Source,
- An offset threshold will be surpassed, or
- A Stationary Source Increase in Permitted Emissions (SSIPE) public notice is triggered.

This project only concerns VOC emissions. This facility acknowledges that its VOC emissions are already above the Offset and Major Source Thresholds for VOC emissions. Additionally, since the only annual emissions change resulting from this project are the annual emissions increase associated with the 49 new storage tanks and this facility has not banked any emissions, an SSIPE determination can be made without calculating the SSPE2; therefore, SSPE2 calculations are not necessary.

5. Major Source Determination

This source is an existing Major Source for VOC emissions and will remain a Major Source for VOC. No change in other pollutants are proposed or expected as a result of this project.

6. Baseline Emissions (BE)

The BE calculation (in lbs/year) is performed pollutant-by-pollutant for each unit within the project, to calculate the QNEC and if applicable, to determine the amount of offsets required.

Pursuant to Section 3.7 of District Rule 2201, BE = Pre-project Potential to Emit for:
- Any unit located at a non-Major Source,
- Any Highly-Utilized Emissions Unit, located at a Major Source,
- Any Fully-Offset Emissions Unit, located at a Major Source, or
- Any Clean Emissions Unit, located at a Major Source.
otherwise,

BE = Historic Actual Emissions (HAE), calculated pursuant to Section 3.22 of District Rule 2201.

The permit units in this project only emit VOC and therefore the BE determination is only required for this pollutant:

a. BE VOC

Units Located at a Non-Major Source
As shown in Section VII.C.5 above, the facility is a major source for VOC emissions.

Highly-Utilized Emissions Units, located at a Major Source
Due to the nature of winery operations, excess tank capacity is installed at wineries such that the actual usage is usually significantly less than the potential operation. Therefore, the tanks in this project are assumed to not be Highly-Utilized Emissions Units.

Fully Offset Emissions Units, located at a Major Source

The unit in this project are not all Fully Offset Emissions Units.

Clean Emissions Unit, Located at a Major Source
Pursuant to Rule 2201, Section 3.12, a Clean Emissions Unit is defined as an emissions unit that is "equipped with an emissions control technology with a minimum control efficiency of at least 95% or is equipped with emission control technology that meets the requirements for achieved-in-practice BACT as accepted by the APCO during the five years immediately prior to the submission of the complete application.

All fermentation tanks in this project and included in the SLC, meet the District's current achieved-in-practice BACT (see Appendix E) for fermentation tanks. Therefore all fermentation tank emissions units are Clean Emissions Units pursuant to District Rule 2201 and, for the combined fermentation emissions of all tanks in this project. Since the fermentation tanks in this project will be added into the facility wide emission limit for fermentation tanks, all fermentation tanks included in the facility wide limit will be used to determine the baseline emissions.

\[ \sum_{\text{fermentation}} \text{BE} = \sum_{\text{fermentation}} \text{PE} = 410,502 \text{ lb-VOC/year} \]

The baseline emissions for the storage tanks will be 0 lb/year since the storage units are new emissions units.
7. Major Modification

Major Modification is defined in 40 CFR Part 51.165 (as in effect on December 19, 2002) as "any physical change in or change in the method of operation of a major stationary source that would result in a significant net emissions increase of any pollutant subject to regulation under the Act." Per §51.165(a)(1)(vi)(A)

The net emissions increase is calculated as the increase in actual emissions resulting from the project. The calculated net emissions increase is significant if it exceeds the values in the following table:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Threshold (lb/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>50,000</td>
</tr>
<tr>
<td>NOx</td>
<td>50,000</td>
</tr>
<tr>
<td>PM10</td>
<td>30,000</td>
</tr>
<tr>
<td>SOx</td>
<td>80,000</td>
</tr>
</tbody>
</table>

For purposes of the Major Modification determination, the post project actual emissions are conservatively assumed to be equal to the Post Project Potential to Emit. The Baseline Actual Emissions (BAE) for the units in this project is equal to 0 since they are all new emissions units. The net emissions increase (NEI) for the project (for purposes of determination of a Major Modification) is thus:

\[
NEI = PE2 - BAE = (410,502 + 5,000) - 0 = 415,502 \text{ lb-VOC/year} > 50,000 \text{ lb-VOC/year}
\]

Therefore, this project is a Major Modification.

8. Federal Major Modification

District Rule 2201, Section 3.17 states that major modifications are also federal major modifications unless they qualify for a "Less-Than-Significant Emissions Increase" exclusion.

A Less-Than-Significant Emissions Increase exclusion is for an emissions increase for the project, or a Net Emissions Increase for the project (as defined in 40 CFR 51.165 (a)(2)(ii)(B) through (D), and (F)), that is not significant for a given regulated NSR pollutant, and therefore is not a federal major modification for that pollutant.

- To determine the post-project projected actual emissions from existing units, the provisions of 40 CFR 51.165 (a)(1)(xxviii) shall be used.
- To determine the pre-project baseline actual emissions, the provisions of 40 CFR 51.165 (a)(1)(xxxv)(A) through (D) shall be used.
• If the project is determined not to be a federal major modification pursuant to the provisions of 40 CFR 51.165 (a)(2)(ii)(B), but there is a reasonable possibility that the project may result in a significant emissions increase, the owner or operator shall comply with all of the provisions of 40 CFR 51.165 (a)(6) and (a)(7).

• Emissions increases calculated pursuant to this section are significant if they exceed the significance thresholds specified in the table below.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Threshold (lb/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>50,000</td>
</tr>
<tr>
<td>NOx</td>
<td>50,000</td>
</tr>
<tr>
<td>PM_{10}</td>
<td>30,000</td>
</tr>
<tr>
<td>SO_{2}</td>
<td>80,000</td>
</tr>
</tbody>
</table>

The Net Emissions Increases (NEI) for purposes of determination of a "Less-Than-Significant Emissions Increase" exclusion will be calculated below to determine if this project qualifies for such an exclusion.

Since this project consists of both existing and new emissions units, the "hybrid test" specified in 40 CFR(a)(2)(ii)(F) is applicable and requires that the NEI determination be based on the sum of the individual NEI determinations for existing emissions units (NEI_E) and new emissions units (NEI_N) pursuant to 40 CFR(a)(2)(ii)(C) and (D) respectively. In addition, pursuant to 40 CFR (a)(1)(vi)(A)(2), creditable contemporaneous emissions increases (NEI_C) must also be included in the determination of the NEI. Therefore,

\[ \text{NEI} = \text{NEI}_E + \text{NEI}_N + \text{NEI}_C \]

**Net Emission Increase for New Units (NEI}_N)\)**

Per 40 CFR 51.165 (a)(2)(ii)(D) for new emissions units in this project,

\[ \text{NEI}_N = \text{PE}_2 - \text{BAE} \]

Since these are new units, BAE for these units is zero and,

\[ \text{NEI}_N = \text{PE}_2 \]

where PE_2 is the Post Project Potential to Emit for the new emissions units.

This project includes both new fermentation tank emissions units and new storage tank emissions units. Therefore,

\[ \text{PE}_2 = \text{PE}_2(\text{fermentation}) + \text{PE}_2(\text{storage}) \]

As discussed in Appendix F, fermentation tanks operating in a winery are not truly independent emissions units with the result that the theoretical "stand-alone" annual potential to emit for individual fermentation tanks cannot be defined (their theoretical...
annual fermentation capacity, and thus their potential annual emissions, must be established with consideration of all the other associated tanks in the facility). In order to determine the $PE_{2N(fermentation)}$, a post-project determination of the fermentation emission potential ($PE^*$) of all tanks at the facility (new and existing) must be made which ignores the proposed Specific Limiting Condition which will be placed on the permits. Then the Pre-Project Potential to Emit of the existing fermentation operation ($PE_{fermentation}$ as determined in Section VII.C) is subtracted from $PE^*$ to arrive at $PE_{2N(fermentation)}$. $PE^*$ is determined in Appendix G to be 536,235 lb-VOC/year.

$PE_{2N(fermentation)}$ is thus calculated as follows:

$$PE_{2N(fermentation)} = PE^* - PE_{fermentation} = 536,235 - 410,502 = 125,733 \text{ lb-VOC/year}$$

The $PE_{2N(fermentation)}$ exceeds the significance threshold by itself, therefore this project is a Federal Major Modification.

VIII. COMPLIANCE

District Rule 2201 New and Modified Stationary Source Review Rule

A. Best Available Control Technology (BACT)

1. BACT Applicability

BACT requirements are triggered on a pollutant-by-pollutant basis and on an emissions unit-by-emissions unit basis for the following:

a. Any new emissions unit with a potential to emit exceeding two pounds per day,
b. The relocation from one Stationary Source to another of an existing emissions unit with a potential to emit exceeding two pounds per day,
c. Modifications to an existing emissions unit with a valid Permit to Operate resulting in an AIPE exceeding two pounds per day, and/or
d. Any new or modified emissions unit, in a stationary source project, which results in a Major Modification.

*Except for CO emissions from a new or modified emissions unit at a Stationary Source with an SSPE2 of less than 200,000 pounds per year of CO.

a. New emissions units – $PE > 2 \text{ lb/day}$

As seen in Section VII.C.2 of this evaluation, the applicant is proposing to add fermentation operations to 50 existing tanks and install 49 new wine fermentation and storage tanks with a $PE$ greater than 2 lb/day for VOC. Thus BACT is triggered for VOC for these emissions units.
b. Relocation of emissions units – PE > 2 lb/day

As discussed in Section I above, there are no emissions units being relocated from one stationary source to another; therefore BACT is not triggered.

c. Modification of emissions units – AIPE > 2 lb/day

Since the modification to the existing wine tanks to add a fermentation operation is considered an installation of a new emissions unit, there are no modified emissions units associated with this project; therefore BACT is not triggered.

d. Major Modification

As discussed in Section VII.C.7 above, this project does constitute a Major Modification for VOC emissions; therefore BACT is triggered for VOC for all emissions units affected by this stationary source project.

2. BACT Guideline

BACT Guideline 5.4.13, applies to the wine storage tanks. [Wine Storage Tanks] (See Appendix E)

BACT Guideline 5.4.14, applies to the wine fermentation tanks. [Wine Fermentation Tank] (See Appendix E)

3. Top-Down BACT Analysis

Per Permit Services Policies and Procedures for BACT, a Top-Down BACT analysis shall be performed as a part of the application review for each application subject to the BACT requirements pursuant to the District’s NSR Rule.

Fermentation Tanks

Pursuant to the attached Top-Down BACT Analysis (see Appendix E), BACT has been satisfied with the following:

VOC: Open tank vented to the atmosphere with the average fermentation temperature not exceeding 95 °F.

The following conditions will be placed on the ATC's of all fermentation tank emissions units affected by this project to ensure compliance with the requirements of BACT for wine fermentation tanks:

- The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]
For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and any fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

**Wine Storage Tanks**

Pursuant to the attached Top-Down BACT Analysis (see Appendix E), BACT has been satisfied with the following:

**VOC:** Insulated tank, pressure/vacuum valve set within 10% of the maximum allowable working pressure of the tank, "gas tight" tank operation and achieve and maintain a continuous storage temperature not exceeding 75 °F within 60 days of completion of fermentation.

The DEL for wine storage tanks will be stated in the equipment description as an “insulated” tank and by placing the following conditions on the ATC:

- When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

- When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21 [District Rules 2201 and 4694]

- The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]
B. Offsets

1. Offset Applicability

Pursuant to Section 4.5.3, offset requirements shall be triggered on a pollutant by pollutant basis and shall be required if the Post Project Stationary Source Potential to Emit (SSPE2) equals to or exceeds the offset threshold levels in Table 4-1 of Rule 2201.

The following table compares the post-project facility-wide annual emissions in order to determine if offsets will be required for this project.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>SSPE2 (lb/yr)</th>
<th>Offset Threshold Levels (lb/yr)</th>
<th>Offsets Required?</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>&gt; 50,000</td>
<td>20,000</td>
<td>Yes</td>
</tr>
</tbody>
</table>

2. Quantity of Offsets Required

As discussed above, the facility is an existing Major Source for VOC and the SSPE2 is greater than the offset thresholds; therefore offset calculations will be required for this project.

Per Sections 4.7.1 and 4.7.3, the quantity of offsets in pounds per year for VOC is calculated as follows for sources with an SSPE1 greater than the offset threshold levels before implementing the project being evaluated.

Offsets Required (lb/year) = (Σ[PE2 - BE] + ICCE) x DOR, for all new or modified emissions units in the project,

Where,
PE2 = Post Project Potential to Emit, (lb/year)
BE = Baseline Emissions, (lb/year)
ICCE = Increase in Cargo Carrier Emissions, (lb/year)
DOR = Distance Offset Ratio, determined pursuant to Section 4.8

ΣPE2 and ΣBE are calculated in Sections VII.C.1 and VII.C.2. There are no increases in cargo carrier emissions. Therefore

Offsets Required (lb/year) = Σ[PE2 - BE] x DOR = [ΣPE2 - ΣBE] x DOR
Σ BEfermentation = 410,502 lb-VOC/year
Σ BEstorage = 0 lb-VOC/year
Σ PE2fermentation = 410,502 lb-VOC/year
Σ PE2storage = 5,000 lb-VOC/year

Offsets Required (lb/year) = [(410,502 + 5,000) - (410,502 + 0)] x DOR
= 5,000 lb-VOC/year x DOR

Quarterly Offsets Required = 5,000 lb-VOC/yr + 4 qtrs/yr
= 1,250 lb-VOC/quarter
Emission increases for this project are all due to storage tank operations which are uniform for each quarter.

The applicant has proposed use of ERC certificate S-3384-1 to offset the increases in VOC emissions associated with this project and has demonstrated legal rights to 2,000 lb-VOC/quarter from this certificate. Since this certificate is based on emission reductions located more than 15 miles from this stationary source,

\[ \text{DOR} = 1.5 \text{ (pursuant to section 4.8)} \]

Total quarterly ERC requirements based on use of this certificate are thus:

\[ 1,250 \text{ lb-VOC/qtr} \times 1.5 \text{ (DOR)} = 1,875 \text{ lb-VOC/Quarter} \]

<table>
<thead>
<tr>
<th>Quarter</th>
<th>1st Quarter</th>
<th>2nd Quarter</th>
<th>3rd Quarter</th>
<th>4th Quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,875</td>
<td>1,875</td>
<td>1,875</td>
<td>1,875</td>
</tr>
</tbody>
</table>

Available VOC credits from ERC certificate S-3384-1 and the portion of the certificate demonstrated to be available to the applicant in lb/qtr are listed as follows:

<table>
<thead>
<tr>
<th>ERC #S-3384-1</th>
<th>1st Quarter</th>
<th>2nd Quarter</th>
<th>3rd Quarter</th>
<th>4th Quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available To</td>
<td>2,000</td>
<td>2,000</td>
<td>2,000</td>
<td>2,000</td>
</tr>
<tr>
<td>Applicant</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

As seen above, the facility has sufficient credits to fully offset the quarterly VOC emissions increases associated with this project.

**Proposed Rule 2201 (offset) Conditions:**

The following conditions will be placed on ATC's C-625-383-0 through -431-0:

- Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter – 1,250 lb, 2nd quarter – 1,250 lb, 3rd quarter – 1,250 lb, and fourth quarter – 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

- ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]
C. Public Notification

1. Applicability

Public noticing is required for:

a. Any new Major Source, which is a new facility that is also a Major Source,
b. Major Modifications,
c. Any new emissions unit with a Potential to Emit greater than 100 pounds during any one day for any one pollutant,
d. Any project which results in the offset thresholds being surpassed, and/or
e. Any project with an SSPE of greater than 20,000 lb/year for any pollutant.

a. New Major Source

A New Major Source is a new facility, which is also a major source. Since this is not a new facility, public noticing is not required for this project for New Major Source purposes.

b. Major Modification

As demonstrated in VII.C.7, this project is a Major Modification; therefore, public noticing for Major Modification purposes is required.

c. PE > 100 lb/day

Applications which include a new emissions unit with a Potential to Emit greater than 100 pounds during any one day for any pollutant will trigger public noticing requirements. As indicated in Section VII.C.2 above, several of the new fermentation emissions units associated with tanks in this project have a Potential to Emit exceeding 100 lb-VOC/day. Therefore, public noticing for PE > 100 lb/day purposes is required.

d. Offset Threshold

Public notification is required if the Pre-Project Stationary Source Potential to Emit (SSPE1) is increased from a level below the offset threshold to a level exceeding the emissions offset threshold, for any pollutant.

The following table compares the SSPE1 with the SSPE2 in order to determine if any offset thresholds have been surpassed with this project.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>SSPE1 (lb/year)</th>
<th>SSPE2 (lb/year)</th>
<th>Offset Threshold</th>
<th>Public Notice Required?</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>&gt;50,000</td>
<td>&gt;50,000</td>
<td>20,000 lb/year</td>
<td>No</td>
</tr>
</tbody>
</table>

As detailed above, there were no thresholds surpassed with this project; therefore public noticing is not required for offset purposes.
e. SSIPE > 20,000 lb/year

Public notification is required for any permitting action that results in a Stationary Source Increase in Permitted Emissions (SSIPE) of more than 20,000 lb/year of any one pollutant. According to District policy, the SSIPE is calculated as the Post Project Stationary Source Potential to Emit (SSPE2) minus the Pre-Project Stationary Source Potential to Emit (SSPE1), i.e. SSIPE = SSPE2 – SSPE1.

For the purposes of this project, the difference in SSPE will only result from the changes in emissions associated with the units in this project. Therefore, the annual emission rates from the units in this project, not the SSPE for the entire facility, will be used to determine the SSIPE.

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>SSPE2 (lb/year)</th>
<th>SSPE1 (lb/year)</th>
<th>SSIPE (lb/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>5,000</td>
<td>0</td>
<td>5,000</td>
</tr>
</tbody>
</table>

As demonstrated above, the SSIPE was determined to be less than 20,000 lb/year for all pollutants; therefore public noticing for SSIPE purposes is not required.

2. Public Notice Action

As discussed above, public noticing is required for this project since it is both a Major Modification and includes new emissions units with a Potential to emit exceeding 100 lb/day. Therefore, public notice documents will be submitted to the California Air Resources Board (CARB) and EPA and a public notice will be published in a local newspaper of general circulation prior to the issuance of the ATC for this equipment.

D. Daily Emission Limits (DEL's)

Per Sections 3.15 and 5.7.2, daily emission limitations which reflect all applicable emission limits shall be included on all ATC's and PTO's. The following conditions will be placed on the ATC's and PTO's to enforce the requirements of this section:

Wine fermentation tanks (all permitted for red wine fermentation):

- The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]
- Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]
Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: \[ \text{Total annual VOC emissions} = \text{(Total Annual Red Wine Production-gal)} \times (6.2 \text{ lb-VOC/1000 gal}) + \text{(Total Annual White Wine Production-gal)} \times (2.5 \text{ lb-VOC/1000 gal}) \]. [District Rule 2201]

**Units C-383-0 through -387-0:**
- Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]
- The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

**Units C-388-0 through -401-0:**
- Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]
- The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

**Units C-402-0 through -431-0:**
- Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]
- The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

In addition, in order to enforce the applicant's proposed annual VOC limit for the wine storage operations in units C-629-383-0 through -431-0, the following conditions will be included on each of the wine storage tank ATC's within this project:

- Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]
- The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \[ \text{EF} = 1.705259 \times P^{1.090407} \]; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
- Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]
E. Compliance Assurance

1. Source Testing

Pursuant to District Policy APR 1705, source testing is not required to demonstrate compliance with Rule 2201.

2. Monitoring

No monitoring is required to demonstrate compliance with Rule 2201.

3. Recordkeeping

Recordkeeping is required to demonstrate compliance with the offset, public notification and daily emission limit requirements of Rule 2201. In addition, recordkeeping is also required for winery tanks pursuant to District Rule 4694, Wine Fermentation and Storage Tanks. All records shall be retained on site for a period of at least five years and made available to District inspection upon request. The following conditions will be included on the ATC’s and PTO’s to ensure continued compliance with the recordkeeping requirements:

- Records shall be retained on-site for a minimum of five years and made available for District inspection upon request. [District Rule 4694]

- When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694]

- When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rules 2201 and 4694]

4. Reporting

No reporting is required to demonstrate compliance with District Rule 2201.

F. Ambient Air Quality Analysis

Section 4.14.1 of this Rule requires that an ambient air quality analysis (AAQA) be conducted for the purpose of determining whether a new or modified Stationary Source will cause or make worse a violation of an air quality standard. However, since this project involves only VOC and no ambient air quality standard exists for VOC, an AAQA is not required for this project.
G. Compliance Certification

The compliance certification is required for any project, which constitutes a New Major Source or a Federal Major Modification.

Section 4.15.2 of this Rule requires the owner of a new Major Source or a source undergoing a Title I Modification to demonstrate to the satisfaction of the District that all other Major Sources owned by such person and operating in California are in compliance or are on a schedule for compliance with all applicable emission limitations and standards. As discussed in the preceding sections, this project does constitute a Federal Major Modification, therefore this requirement is applicable.

Included in Appendix H is O’Neil Beverages Company’s compliance certification.

H. Alternative Siting Analysis

Alternative siting analysis is required for any project, which constitutes a New Major Source or a Federal Major Modification.

The current project occurs at an existing winery with a pre-project total wine tank volume of 25,866,511 gallons. The applicant proposes to install new winery tanks totaling 3,367,000 gallons in volume, which represents an increase of 13% of the existing total wine tank volume.

In addition to winery tanks, the operation of a winery requires a large number support equipment, services and structures such as raw material receiving stations, crushers, piping, filtering and refrigeration units, warehouses, laboratories, bottling and shipping facilities, and administration buildings.

Since the current project involves only a minimal increase in the winery’s total tank volume and no change to any other facets of the operation, the existing site will result in the least possible impact from the project. Alternative sites would involve the relocation and/or construction of various support structures and facilities on a much greater scale, and would therefore result in a much greater impact.

District Rule 2520 Federally Mandated Operating Permits

This facility is subject to this Rule, and their Title V Operating Permit has been finalized by the District. The proposed modification is a Minor Modification to the Title V Permit pursuant to Section 3.20 of this rule. As discussed above, the facility has not applied for a Certificate of Conformity (COC); therefore, the facility must apply to modify their Title V permit with a minor modification, prior to operating with the proposed modifications. Continued compliance with this rule is expected.
District Rule 4001 New Source Performance Standards

This rule incorporates NSPS from Part 60, Chapter 1, Title 40, Code of Federal Regulations (CFR); and applies to all new sources of air pollution and modifications of existing sources of air pollution listed in 40 CFR Part 60. However, no subparts of 40 CFR Part 60 apply to wine fermentation and storage tank operations. Therefore, no further discussion is required.

District Rule 4002 National Emission Standards for Hazardous Air Pollutants (NESHAP's)

This rule incorporates NESHAPs from Part 61, Chapter I, Subchapter C, Title 40, CFR and the NESHAPs from Part 63, Chapter I, Subchapter C, Title 40, CFR; and applies to all sources of hazardous air pollution listed in 40 CFR Part 61 or 40 CFR Part 63. However, no subparts of 40 CFR Part 61 or 40 CFR Part 63 apply to wine fermentation and storage tank operations. Therefore, no further discussion is required.

District Rule 4102 Nuisance

Section 4.0 prohibits discharge of air contaminants, which could cause injury, detriment, nuisance or annoyance to the public. Public nuisance conditions are not expected as a result of these operations, provided the equipment is well maintained. Therefore, compliance with this rule is expected. Compliance with the requirements of this rule is ensured by the following condition, currently located on the facility wide permit for this facility:

- No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

California Health & Safety Code 41700 (Health Risk Assessment)

District Policy APR 1905 - Risk Management Policy for Permitting New and Modified Sources specifies that for an increase in emissions associated with a proposed new source or modification, the District perform an analysis to determine the possible impact to the nearest resident or worksite.

As discussed above, there are only increases in daily VOC emissions with this project. The VOC's emitted from wine storage tanks are 100% ethanol. Ethanol is not a Hazardous Air Pollutant (HAP) as defined by Section 44321 of the California Health and Safety Code. Therefore, there are no increases in HAP emissions associated with any emission units in this project, and a health risk assessment is not necessary. No further discussion is required.
District Rule 4694 Wine Fermentation and Storage Tanks

The purpose of this rule is to reduce emissions of volatile organic compounds (VOC) from the fermentation and bulk storage of wine, or achieve equivalent reductions from alternative emission sources. This rule is applicable to all facilities with fermentation emissions in excess of 10 tons-VOC/year. The storage tank provisions of this rule apply to all tanks with capacity in excess of 5,000 gallons.

Section 5.1 requires the winery operator achieve Required Annual Emissions Reductions (RAER) equal to at least 35% of the winery's Baseline Fermentation Emissions (BFE). Per the definition of RAER in Section 3.25 of the Rule, the RAER may be achieved by any combination of Fermentation Emission Reductions (FER), Certified Emission Reductions (CER) or District Obtained Emission Reductions (DOER) as established in the facility's District-approved Rule 4694 Compliance Plan, due every three years on December 1st beginning in 2006. The facility has submitted the required plan to the District and is currently satisfying the required emission reductions in the form of Certified Emission Reductions.

Section 5.2 places specific restrictions on wine storage tanks with 5,000 gallons or more in capacity when such tanks are not constructed of wood or concrete. Section 5.2.1 requires these tanks to be equipped and operated with a pressure-vacuum relief valve meeting all of the following requirements:

- The pressure-vacuum relief valve shall operate within 10% of the maximum allowable working pressure of the tank,
- The pressure-vacuum relief valve shall operate in accordance with the manufacturer's instructions, and
- The pressure-vacuum relief valve shall be permanently labeled with the operating pressure settings.
- The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21.

Therefore, the following conditions will be placed on the permit for each storage tank with capacity greater than 5,000 gallons and not constructed of concrete or wood to ensure compliance with the requirements of Section 5.2.1:

- When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]
- When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21 [District Rule 4694]
Section 5.2.2 requires that the temperature of the stored wine be maintained at or below 75°F.

The following conditions will be placed on the permit for each storage tank with capacity greater than 5,000 gallons and not constructed of concrete or wood to ensure compliance with the requirements of Section 5.2.2:

- The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

Every three years, Section 6.1 and 6.2 require the facility to submit a Three-Year Compliance Plan and a Three-Year Compliance Plan Verification respectively. Section 6.3 requires that an Annual Compliance Plan Demonstration be submitted to the District no later than February 1 of each year to show compliance with the applicable requirements of the Rule. Section 6.4 requires that records required by this rule be maintained, retained on-site for a minimum of five years, and made available to the APCO upon request. Section 6.4.3 requires that all monitoring be performed for any Certified Emission Reductions as identified in the facility's Three-Year Compliance Plan and that the records of all monitoring be maintained. The following conditions on the facility-wide permit ('-0-1) ensure compliance:

- A Three-Year Compliance Plan that demonstrates compliance with the requirements of Section 5.1 of District Rule 4694 for each year of the applicable compliance period shall be submitted to the District by no later than December 1, 2006, and every three years thereafter on or before December 1. [District Rule 4694]

- A Three-Year Compliance Plan Verification that demonstrates that the Three-Year Compliance Plan elements are in effect shall be submitted to the District by no later than July 1, 2007, and every three years thereafter on or before July 1. [District Rule 4694]

- An Annual Compliance Plan Demonstration that shows compliance with the applicable requirements of this rule shall be submitted to the District by no later than February 1, 2008, and every year thereafter on or before February 1. [District Rule 4694]

- Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694]

- All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]

Section 6.4.1 requires that records be kept for each fermentation batch. This project does not deal with wine fermentation. The following condition will be placed on the ATC for each fermentation tank to ensure compliance:
For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

Section 6.4.2 requires that weekly records be kept of wine volume and temperature in each storage tank. All tanks in this facility are storage tanks. Therefore, the following conditions will be placed on the permit for each storage tank to ensure compliance with the requirements of Section 6.4.2:

- When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

- When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine.[District Rule 4694]

Section 6.4.3 requires that all monitoring be performed for any Certified Emission Reductions as identified in the facility’s Three-Year Compliance Plan and that the records of all monitoring be maintained. The following condition on the facility-wide permit (‘-0-1) ensures compliance:

- Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694]

California Health & Safety Code 42301.6 (School Notice)

The District has verified that this site is not located within 1,000 feet of a school. Therefore, pursuant to California Health and Safety Code 42301.6, a school notice is not required.

California Environmental Quality Act (CEQA)

The California Environmental Quality Act (CEQA) requires each public agency to adopt objectives, criteria, and specific procedures consistent with CEQA Statutes and the CEQA Guidelines for administering its responsibilities under CEQA, including the orderly evaluation of projects and preparation of environmental documents. The San Joaquin Valley Unified Air Pollution Control District (District) adopted its Environmental Review Guidelines (ERG) in 2001. The basic purposes of CEQA are to:

- Inform governmental decision-makers and the public about the potential, significant environmental effects of proposed activities.
• Identify the ways that environmental damage can be avoided or significantly reduced.
• Prevent significant, avoidable damage to the environment by requiring changes in projects through the use of alternatives or mitigation measures when the governmental agency finds the changes to be feasible.
• Disclose to the public the reasons why a governmental agency approved the project in the manner the agency chose if significant environmental effects are involved.

Greenhouse Gas (GHG) Significance Determination

The District's engineering evaluation (this document) and District FYI 260 (see Appendix I) demonstrates that the project would not result in an increase in project specific greenhouse gas emissions. The District therefore concludes that the project would have a less than cumulatively significant impact on global climate change.

District CEQA Findings

The District is the Lead Agency for this project because there is no other agency with broader statutory authority over this project. The District performed an Engineering Evaluation (this document) for the proposed project and determined that the activity will occur at an existing facility and the project involves negligible expansion of the existing use. Furthermore, the District determined that the activity will not have a significant effect on the environment. The District finds that the activity is categorically exempt from the provisions of CEQA pursuant to CEQA Guideline § 15031 (Existing Facilities), and finds that the project is exempt per the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment (CEQA Guidelines §15061(b)(3)).

IX. RECOMMENDATION

Compliance with all applicable rules and regulations is expected. Issue Authorities to Construct C-629-333-2 through -382-2, and -383-0 though -431-0 subject to the permit conditions on the attached draft Authorities to Construct in Appendix J.

X. BILLING INFORMATION

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Appendices:

Appendix A, Existing ATC's C-629-330-1 through -382-1
Appendix B, Pre-Project Equipment Descriptions
Appendix C, Post Project Equipment Descriptions
Appendix D, Annual VOC Emission Factor Curve Fit Equation Determination
Appendix E, BACT Guidelines and Top Down VOC BACT Analysis
Appendix F, District FYI 114
Appendix G, Post Project Fermentation Emission Potential (PE*)
Appendix H, Compliance Certification Letter
Appendix I, District FYI 260
Appendix J, Draft ATC's
Appendix A

Existing ATC's
C-629-330-1 through -382-1
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-333-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                     PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0290) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/ YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-333-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Sayed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1960 E. Gettysburg Ave. • Fresno, CA 93728 • (559) 230-5900 • Fax (559) 230-8061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-334-1
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93848-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93848

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0291) WITH PRESSURE/VACUUM VALVE
AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE
STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT
OF 8,991 LB/N NEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS
C-628-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-334-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (669) 230-5860 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

[Signature]

DAVID WARNER, Director of Permit Services
Central Regional Office • 1890 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage-emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{0.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-335-1  ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0292) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-335-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-336-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0293) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-336-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

[Signature]

David Warner, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-337-1

LEGAL OWNER OR OPERATOR: O’NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0294) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-337-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 330-5850 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE.

Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1890 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 330-5800 • Fax (559) 330-8061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine-ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-338-1

ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS:
8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION:
8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0295) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-338-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 46941]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 46941]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5805 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-339-1

LEGAL OWNER OR OPERATOR: O’NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 198,000 GALLON STEEL WINE STORAGE TANK (TANK #R0622) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; INCREASE DAILY WINE STORAGE THROUGHPUT LIMIT TO 392,000 GALLONS; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-339-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO
7. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-340-1
ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0623) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; INCREASE DAILY WINE STORAGE THROUGHPUT LIMIT TO 392,000 GALLONS; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-340-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. APPROVAL OR DENIAL OF A PERMIT TO OPERATE WILL BE MADE AFTER AN INSPECTION TO VERIFY THAT THE EQUIPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND CONDITIONS OF THIS AUTHORITY TO CONSTRUCT, AND TO DETERMINE IF THE EQUIPMENT CAN BE OPERATED IN COMPLIANCE WITH ALL RULES AND REGULATIONS OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT. UNLESS CONSTRUCTION HAS COMMENCED PURSUANT TO RULE 2050, THIS AUTHORITY TO CONSTRUCT SHALL EXPIRE AND APPLICATION SHALL BE CANCELLED TWO YEARS FROM THE DATE OF ISSUANCE. THE APPLICANT IS RESPONSIBLE FOR COMPLYING WITH ALL LAWS, ORDINANCES AND REGULATIONS OF ALL OTHER GOVERNMENTAL AGENCIES WHICH MAY PERTAIN TO THE ABOVE EQUIPMENT.

Seyed Sadedin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
C-629-340-1 | NO. 90 2010 | 02AM - 0000 | JOB # | JOB #
7. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,99, pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-341-1
ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 198,000 GALLON STEEL WINE STORAGE TANK (TANK #R0624) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; INCREASE DAILY WINE STORAGE THROUGHPUT LIMIT TO 392,000 GALLONS; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,891 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-341-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
7. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: $EF = 1.705259 \times P^{1.090407}$; where $EF$ is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and $P$ is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-342-1

ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0625) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; INCREASE DAILY WINE STORAGE THROUGHPUT LIMIT TO 392,000 GALLONS; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-342-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-3960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. APPROVAL OR DENIAL OF A PERMIT TO OPERATE WILL BE MADE AFTER AN INSPECTION TO VERIFY THAT THE EQUIPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS, CONDITIONS, AND SUCTIONS OF THIS AUTHORITY TO CONSTRUCT, AND TO DETERMINE IF THE EQUIPMENT CAN BE OPERATED IN COMPLIANCE WITH ALL RULES AND REGULATIONS OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT. UNLESS CONSTRUCTION HAS COMMENCED PURSUANT TO RULE 2050, THIS AUTHORITY TO CONSTRUCT SHALL EXPIRE AND APPLICATION SHALL BE CANCELLED TWO YEARS FROM THE DATE OF ISSUANCE. THE APPLICANT IS RESPONSIBLE FOR COMPLYING WITH ALL LAWS, ORDINANCES AND REGULATIONS OF ALL OTHER GOVERNMENTAL AGENCIES WHICH MAY PERTAIN TO THE ABOVE EQUIPMENT.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
7. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.70529 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-343-1

ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
                  PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK#R2035) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 86,780 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-343-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

[Signature]
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-344-1
ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION: MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK#R2036) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 86,780 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,891 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-344-1. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 46941]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 46941]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

You must notify the District Compliance Division at (559) 230-5900 when construction is completed and prior to operating the equipment or modifications authorized by this Authority to Construct. This is NOT a permit to operate. Approval or denial of a Permit to Operate will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all rules and regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

[Signature]

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-345-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2037) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 86,780 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-345-1. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5980 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Sayed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

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Conditions for C-629-345-1 (continued)

8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-346-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2038) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 86,780 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,981 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-346-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services
Central Regional Office • 1900 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-347-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
            PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2039) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 86,780 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-280 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-347-1. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-8860 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sededin, Executive Director / APCO
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-348-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE

PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE

PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2040) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 86,780 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-348-1. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. APPROVAL OR DENIAL OF A PERMIT TO OPERATE WILL BE MADE AFTER AN INSPECTION TO VERIFY THAT THE EQUIPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS, AND CONDITIONS OF THIS AUTHORITY TO CONSTRUCT, AND TO DETERMINE IF THE EQUIPMENT CAN BE OPERATED IN COMPLIANCE WITH ALL RULES AND REGULATIONS OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT. UNLESS CONSTRUCTION HAS COMMENCED PURSUANT TO RULE 2050, THIS AUTHORITY TO CONSTRUCT SHALL EXPIRE AND APPLICATION SHALL BE CANCELLED TWO YEARS FROM THE DATE OF ISSUANCE. THE APPLICANT IS RESPONSIBLE FOR COMPLYING WITH ALL LAWS, ORDINANCES, AND REGULATIONS OF ALL OTHER GOVERNMENTAL AGENCIES WHICH MAY PERTAIN TO THE ABOVE EQUIPMENT.

Seyed Sadredin, Executive Director / APCO
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8.991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-349-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3030) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-349-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-6850 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1900 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-6900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine-contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-350-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3031) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-350-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-351-1
ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                    PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3032) WITH PRESSURE/VACUUM
VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF
WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL
WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-381

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
the equipment authorized by ATC C-629-351-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of
the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and
be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating
pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas
leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch
of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after
completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees
Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (669) 230-5860 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
Printed on recycled paper
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P + 1.090407 \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 46941]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 46941]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-352-1  ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
            PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3033) WITH PRESSURE/VACUUM
VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF
WINE STORED TO 23.9%, AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL
WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
   the equipment authorized by ATC C-629-352-0. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of
   the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and
   be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating
   pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 2. [District Rules 2201 and 46941]
5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch
   of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after
   completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees
   Fahrenheit or less was achieved. [District Rules 2201 and 46941]
6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]
7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
C-629-352-1: 03/30/2010 ; DUE: 03/30/2012 : Inspect Required ; Air Improvement NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-8081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P + 1.090407; \) where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-353-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3034) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-353-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 2. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1960 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: $EF = 1.705259 \times P^{0.090407}$; where $EF$ is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and $P$ is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-354-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3035) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-354-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: 
   \[ EF = 1.705259 \times P^{0.090407} \] 
   where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-355-1

ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE

PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE

PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3036) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-355-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. APPROVAL OR DENIAL OF A PERMIT TO OPERATE WILL BE MADE AFTER AN INSPECTION TO VERIFY THAT THE EQUIPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND CONDITIONS OF THIS AUTHORITY TO CONSTRUCT, AND TO DETERMINE IF THE EQUIPMENT CAN BE OPERATED IN COMPLIANCE WITH ALL RULES AND REGULATIONS OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT. UNLESS CONSTRUCTION HAS COMMENCED PURSUANT TO RULE 2050, THIS AUTHORITY TO CONSTRUCT SHALL EXPIRE AND APPLICATION SHALL BE CANCELLED TWO YEARS FROM THE DATE OF ISSUANCE. THE APPLICANT IS RESPONSIBLE FOR COMPLYING WITH ALL LAWS, ORDINANCES AND REGULATIONS OF ALL OTHER GOVERNMENTAL AGENCIES WHICH MAY PERTAIN TO THE ABOVE EQUIPMENT.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services
Central Regional Office • 1890 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-356-1 

ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3037) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-356-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 46941]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE.

Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-357-1                   ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                  PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3038) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-357-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (659) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 46941]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-358-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3039) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-358-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-6960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

D. WARNER, Director of Permit Services
Central Regional Office • 1980 E. Gettysburg Ave • Fresno, CA 93728 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-359-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE

PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE

PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 45,500 GALLON STEEL WINE STORAGE TANK (TANK #R2006) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 45,226 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-359-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans; specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1980 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5600 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^(1.090407); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-360-1

ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 45,500 GALLON STEEL WINE STORAGE TANK (TANK R2007) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 45,226 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-360-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5860 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
C-629-360-1 • 03/30/10 • ISSUED • 03/30/10 • Inspected • NOT Renewal
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5860 • Fax (559) 230-8061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-361-1

ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE

PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE

PARLIER, CA 93648

EQUIPMENT DESCRIPTION:

MODIFICATION OF 45,500 GALLON STEEL WINE STORAGE TANK (TANK #R2008) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 45,226 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-029-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-361-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5800 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. APPROVAL OR DENIAL OF A PERMIT TO OPERATE WILL BE MADE AFTER AN INSPECTION TO VERIFY THAT THE EQUIPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS, AND CONDITIONS OF THIS AUTHORITY TO CONSTRUCT, AND TO DETERMINE IF THE EQUIPMENT CAN BE OPERATED IN COMPLIANCE WITH ALL RULES AND REGULATIONS OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT. UNLESS CONSTRUCTION HAS COMMENCED PURSUANT TO RULE 2050, THIS AUTHORITY TO CONSTRUCT SHALL EXPIRE AND APPLICATION SHALL BE CANCELLED TWO YEARS FROM THE DATE OF ISSUANCE. THE APPLICANT IS RESPONSIBLE FOR COMPLYING WITH ALL LAWS, ORDINANCES, AND REGULATIONS OF ALL OTHER GOVERNMENTAL AGENCIES WHICH MAY PERTAIN TO THE ABOVE EQUIPMENT.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-8081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \[ EF = 1.705259 \times P^{0.090407} \] where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput, and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-362-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS:
8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION:
8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 45,500 GALLON STEEL WINE STORAGE TANK (TANK #R2009) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 45,226 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-362-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5850 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1930 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5800 • Fax (559) 230-6081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 46941]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 46941]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-363-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 45,500 GALLON STEEL WINE STORAGE TANK (TANK #R2010) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 45,228 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-363-0. [District Rule 22011]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-8061
Conditions for C-629-363-1 (continued)

8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \[ EF = 1.705259 \times P^{1.090407} \] where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-364-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 45,500 GALLON STEEL WINE STORAGE TANK (TANK #R2011) WITH PRESSURE/VACUUM VALVE AND INSULATION: CORRECT TANK SIZE TO 45,226 GALLONS; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-364-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIENCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications, and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances, and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-365-1

ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE

PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE

PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 120,000 GALLON STEEL WINE STORAGE TANK (TANK #R2021) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; INCREASE DAILY WINE STORAGE THROUGHPUT LIMIT TO 363,000 GALLONS; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-365-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. The maximum wine storage throughput in this tank shall not exceed 363,000 gallons per day. [District Rule 2201]

8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-366-1
ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 120,000 GALLON STEEL WINE STORAGE TANK (TANK #R2022) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; INCREASE DAILY WINE STORAGE THROUGHPUT LIMIT TO 363,000 GALLONS; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 6,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-829-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-366-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director / APCO
7. The maximum wine storage throughput in this tank shall not exceed 363,000 gallons per day. [District Rule 2201]

8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-367-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2041) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-367-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
San Joaquin Valley AIR POLLUTION CONTROL DISTRICT
HEALTHY AIR LIVING

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-8061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-368-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2042) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-368-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: 
   \[ EF = 1.705259 \times P^{1.090407} \] 
   where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-369-1

ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O’NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
                      PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2043) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-369-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications, and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances, and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P \times 1.090407 \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-370-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION:
8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2044) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-370-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Sayed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93728 • (559) 230-5800 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-371-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS:
8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION:
8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2045) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-371-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

[Signature]

DAVID WARNER, Director of Permit Services
(559) 230-3111 • FAX: (559) 230-8061 • 1980 E. Gettysburg Ave, Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-372-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

ISSUANCE DATE: 03/30/2010

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2046) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-372-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 46941]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 46941]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. APPROVAL OR DENIAL OF A PERMIT TO OPERATE WILL BE MADE AFTER AN INSPECTION TO VERIFY THAT THE EQUIPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS, AND CONDITIONS OF THIS AUTHORITY TO CONSTRUCT, AND TO DETERMINE IF THE EQUIPMENT CAN BE OPERATED IN COMPLIANCE WITH ALL RULES AND REGULATIONS OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT. UNLESS CONSTRUCTION HAS COMMENCED PERSUASIVELY TO RULE 2050, THIS AUTHORITY TO CONSTRUCT SHALL EXPIRE AND APPLICATION SHALL BE CANCELLED TWO YEARS FROM THE DATE OF ISSUANCE. THE APPLICANT IS RESPONSIBLE FOR COMPLYING WITH ALL LAWS, ORDINANCES, AND REGULATIONS OF ALL OTHER GOVERNMENTAL AGENCIES WHICH MAY PERTAIN TO THE ABOVE EQUIPMENT.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{0.90407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-373-1

LEGAL OWNER OR OPERATOR: O'Neill Beverages Co LLC

MAILING ADDRESS: 8418 S Lac Jac Ave
Parlier, CA 93648-9708

LOCATION: 8418 S Lac Jac Ave
Parlier, CA 93648

EQUIPMENT DESCRIPTION:
Modification of 87,000 gallon steel wine storage tank (Tank #R2047) with pressure/vacuum valve and insulation: Increase maximum ethanol content of wine stored to 23.9%; and add a combined annual VOC emissions limit of 8,991 lb/year from all wine storage operations under permits C-629-289 through C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-373-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 46941]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 46941]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5850 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

[Signature]

[Address]

[Phone Number]

[Fax Number]
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
PERMIT NO: C-629-374-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS:
8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION:
8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2048) WITH PRESSURE/VACUUM VALVE AND INSULATION; INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-374-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5680 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-374-1

LEGAL OWNER OR OPERATOR: O’NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
                     PARLIER, CA 93648

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2048) WITH PRESSURE/VACUUM
VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A
COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,891 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER
PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
   the equipment authorized by ATC C-629-374-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of
   the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and
   be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating
   pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas
   leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch
   of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after
   completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees
   Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services

Central Regional Office • 1980 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( \text{EF} = 1.705259 \times P^{1.090407} \); where \( \text{EF} \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-375-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2049) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,981 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-375-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval of denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sedredin, Executive Director / APCO

David Warner, Director of Permit Services

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8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{0.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-376-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GAL STEEL WINE STORAGE TANK (TANK #R2050) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-376-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 2. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-6950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE.

Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Sayed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services

Central Regional Office • 1980 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-377-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2051) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-377-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \[ EF = 1.705259 \times P^{1.090407} \]; where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-378-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2052) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-378-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5860 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-379-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2053) WITH PRESSURE/VACUUM VALVE AND INSULATION. INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.8%, AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-379-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5905 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-8081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: $EF = 1.705259 \times P^{0.90407}$; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-380-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
                  PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2054) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-380-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 46941]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 46941]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5880 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

David Warner, Director of Permit Services

Central Regional Office • 1900 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and-emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-381-1

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE PARLIER, CA 93648

EQUIPMENT DESCRIPTION: MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2055) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%, AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/YEAR FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-381-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5850 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director / APCO

David Warner, Director of Permit Services
Central Regional Office • 1900 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5800 • Fax (559) 230-8061
Conditions for C-629-381-1 (continued)

8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \[ EF = 1.705259 \times P^{1.090407} \]; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-382-1  ISSUANCE DATE: 03/30/2010

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                  PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2056) WITH PRESSURE/VACUUM VALVE AND INSULATION: INCREASE MAXIMUM ETHANOL CONTENT OF WINE STORED TO 23.9%; AND ADD A COMBINED ANNUAL VOC EMISSIONS LIMIT OF 8,991 LB/NORTH FROM ALL WINE STORAGE OPERATIONS UNDER PERMITS C-629-289 THROUGH C-629-382

CONDITIONS

1. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-382-0. [District Rule 2201]

2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

7. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Central Regional Office  •  1990 E. Gettysburg Ave.  •  Fresno, CA 93726  •  (559) 230-5900  •  Fax (559) 230-6081
8. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

9. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

10. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

11. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

12. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

13. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

14. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
Appendix B

Pre-Project Equipment Descriptions
<table>
<thead>
<tr>
<th>Permit</th>
<th>Equipment Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-629-333-1</td>
<td>6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0290) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
</tr>
<tr>
<td>C-629-334-1</td>
<td>6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0291) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
</tr>
<tr>
<td>C-629-335-1</td>
<td>6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0292) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
</tr>
<tr>
<td>C-629-336-1</td>
<td>6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0293) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
</tr>
<tr>
<td>C-629-337-1</td>
<td>6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0294) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
</tr>
<tr>
<td>C-629-338-1</td>
<td>6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0295) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
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<tr>
<td>C-629-339-1</td>
<td>196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0622) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
</tr>
<tr>
<td>C-629-340-1</td>
<td>196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0623) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
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<tr>
<td>C-629-341-1</td>
<td>196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0624) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
</tr>
<tr>
<td>C-629-342-1</td>
<td>196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0625) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
</tr>
<tr>
<td>C-629-343-1</td>
<td>87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2035) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
</tr>
<tr>
<td>C-629-344-1</td>
<td>87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2036) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
</tr>
<tr>
<td>C-629-345-1</td>
<td>87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2037) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
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<tr>
<td>C-629-346-1</td>
<td>87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2038) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
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<tr>
<td>C-629-347-1</td>
<td>87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2039) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
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<tr>
<td>C-629-348-1</td>
<td>87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2040) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
</tr>
<tr>
<td>C-629-349-1</td>
<td>13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3030) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
</tr>
<tr>
<td>C-629-350-1</td>
<td>13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3031) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
</tr>
<tr>
<td>C-629-351-1</td>
<td>13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3032) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
</tr>
<tr>
<td>C-629-352-1</td>
<td>13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3033) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
</tr>
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<td>C-629-353-1</td>
<td>13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3034) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
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Appendix C

Post Project Equipment Descriptions
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<td>C-629-333-2</td>
<td>6,500 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R0290) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
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<td>86,780 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2035) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
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<td>13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3030) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
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<td>13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3031) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
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<td>13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3032) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
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<td>87,000 STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2067) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
</tr>
<tr>
<td>C-629-399-0</td>
<td>87,000 STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2068) WITH PRESSURE/VACUUM VALVE AND INSULATION</td>
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<tr>
<td>C-629-400-0</td>
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<td>C-629-401-0</td>
<td>13,300 STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3040) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
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<td>C-629-402-0</td>
<td>13,300 STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3041) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
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<td>13,300 STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3042) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING</td>
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<td>C-629-431-0</td>
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</tr>
</tbody>
</table>
Appendix D

Annual VOC Emission Factor Curve Fit Equation Determination
Curvefit for Annual Working Loss Emission Factor from FYI-114

Ef (actual per FYI-114) % Ethanol Ef (calc by correlation)
0.109 8.00% 0.109
0.138 10.00% 0.138
0.17 12.00% 0.169
0.198 14.00% 0.2
0.23 16.00% 0.231
0.263 18.00% 0.263
0.297 20.00% 0.295
0.365 24.00% 0.36

\[
\ln Ef = A \times (\% \text{ ethanol})^B
\]

\[
A = 1.705259
\]

\[
B = 1.090407
\]
Appendix E

BACT Guidelines and Top Down BACT Analysis
**Best Available Control Technology (BACT) Guideline 5.4.13**

Last Update: 10/6/2009

**Wine Storage Tank**

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Achieved in Practice or in the SIP</th>
<th>Technologically Feasible</th>
<th>Alternate Basic Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>1. Insulation or Equivalent**, Pressure Vacuum Relief Valve (PVRV) set within 10% of the maximum allowable working pressure of the tank; &quot;gas-tight&quot; tank operation; and continuous storage temperature not exceeding 75 degrees F, achieved within 60 days of completion of fermentation.</td>
<td>1. Capture of VOCs and thermal or catalytic oxidation or equivalent (98% control)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Capture of VOCs and carbon adsorption or equivalent (95% control)</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>3. Capture of VOCs and absorption or equivalent (90% control)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. Capture of VOCs and condensation or equivalent (70% control)</td>
<td></td>
</tr>
</tbody>
</table>

**Tanks made of heat-conducting materials such as stainless steel may be insulated or stored indoors (in a completely enclosed building, except for vents, doors and other essential openings) to limit exposure to diurnal temperature variations. Tanks made entirely of non-conducting materials such as concrete and wood (except for fittings) are considered self-insulating.**

BACT is the most stringent control technique for the emissions unit and class of source. Control techniques that are not achieved in practice or contained in a State implementation plan must be cost effective as well as feasible. Economic analysis to demonstrate cost effectiveness is required for all determinations that are not achieved in practice or contained in an EPA approved State Implementation Plan.

This is a Summary Page for this Class of Source - Permit Specific BACT Determinations on Details Page.
**Best Available Control Technology (BACT) Guideline 5.4.14**  
Last Update: 10/6/2009

**Wine Fermentation Tank**

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Achieved in Practice or in the SIP</th>
<th>Technologically Feasible</th>
<th>Alternate Basic Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>Temperature-Controlled Open Top Tank with Maximum Average Fermentation Temperature of 95 deg F</td>
<td>1. Capture of VOCs and Thermal Oxidation or Equivalent (88% control)</td>
<td>4. Capture of VOCs and Condensation or Equivalent (81% control)</td>
</tr>
</tbody>
</table>

BACT is the most stringent control technique for the emissions unit and class of source. Control techniques that are not achieved in practice or contained in a state implementation plan must be cost effective as well as feasible. Economic analysis to demonstrate cost effectiveness is required for all determinations that are not achieved in practice or contained in an EPA approved State Implementation Plan.

This is a Summary Page for this Class of Source - Permit Specific BACT Determinations on Details Page.
Top Down BACT Analysis for VOC Emissions:

Step 1 - Identify All Possible Control Technologies

The SJVUAPCD BACT Clearinghouse guideline 5.4.13, 3rd quarter 2010, identifies achieved in practice BACT for wine storage tanks as follows:

1) Insulation or Equivalent**, Pressure Vacuum Relief Valve (PVRV) set within 10% of the maximum allowable working pressure of the tank; "gas-tight" tank operation; and continuous storage temperature not exceeding 75 degrees F, achieved within 60 days of completion of fermentation.

The SJVUAPCD BACT Clearinghouse guideline 5.4.13, 1st quarter 2010, identifies technologically feasible BACT for wine storage tanks as follows:

1) Capture of VOCs and thermal or catalytic oxidation or equivalent (98% control)
2) Capture of VOCs and carbon adsorption or equivalent (95% control)
3) Capture of VOCs and absorption or equivalent (90% control)
4) Capture of VOCs and condensation or equivalent (70% control)

**Tanks made of heat-conducting materials such as stainless steel may be insulated or stored indoors (in a completely enclosed building, except for vents, doors and other essential openings) to limit exposure of diurnal temperature variations. Tanks made entirely of non-conducting materials such as concrete and wood (except for fittings) are considered self-insulating.

Step 2 - Eliminate Technologically Infeasible Options

None of the above listed technologies are technologically infeasible.

Step 3 - Rank Remaining Control Technologies by Control Effectiveness

<table>
<thead>
<tr>
<th>Rank</th>
<th>Control</th>
<th>Overall Capture &amp; Control Efficiency$^1$</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Capture of VOCs and thermal or catalytic oxidation</td>
<td>98 %</td>
</tr>
<tr>
<td>2</td>
<td>Capture of VOCs and carbon adsorption</td>
<td>95 %</td>
</tr>
<tr>
<td>3</td>
<td>Capture of VOCs and absorption.</td>
<td>90 %</td>
</tr>
<tr>
<td>4</td>
<td>Capture of VOCs and condensation</td>
<td>70 %</td>
</tr>
<tr>
<td>5</td>
<td>Insulated tank, pressure/vacuum valve set within 10% of the maximum allowable working pressure of the tank, &quot;gas tight&quot; tank operation and 75 °F tank temperature control as defined in District Rule 4694. (Achieved in Practice and Industry Standard)</td>
<td>0 %</td>
</tr>
</tbody>
</table>

$^1$ Relative to "industry standard".
Step 4 - Cost Effectiveness Analysis

A cost-effective analysis is performed for each control technology which is more effective than meeting the requirements of District Rule 4694 plus tank insulation (achieved-in-practice BACT), as proposed by O'Neill. The cost-effectiveness analysis will be performed based on the following:

- Since the most cost effective approach will be achieved by installing a common control device for multiple tanks, the analysis will be based on this approach.
- To expand the scope and generality of this BACT, the cost-effectiveness analysis will be based on a hypothetical "industry-typical" storage tank operation consisting of a battery of twelve (12) storage tanks each with a capacity of 200,000 gallons. Total annual throughput for the hypothetical tank battery is 39.6 million gallons per year based on an individual annual throughput of 3,300,000 gallons per year each (equivalent to almost 17 turns per year of each storage tank versus an estimated industry average of 6 turns per tank²). Total throughput subject to VOC control by a common VOC control device is thus 39.6 MMgal/year. Based on economies of scale, it is obvious that any control found to not be cost-effective at this level of throughput would be even less cost-effective at lower capacities (such as proposed for this project with a total annual throughput of 5.95 million gallons per year).

Industry Standard

During the development of District Rule 4694, it was determined that use of pressure/vacuum valves and some level of refrigeration on wine storage tanks is a standard operation for large wineries in the San Joaquin Valley. Additionally, essentially all storage tanks are insulated. This was directly confirmed with four large wineries: Mission Bell (Madera), Gallo-Livingston, Bronco, and Robert Mondavi. Based on this, the wine storage tank VOC control requirements of District Rule 4694 and tank insulation are also determined to be "industry standard".

The emission factor for "industry standard" operation is determined based on Table 1 of the District's FYI-114, Estimating Emissions from Wine Storage Tanks (Appendix A), for an insulated storage tank with up to 20% ethanol content in the wine being stored:

\[ E_r \text{ (industry standard)} = 0.297 \text{ lb-VOC/1000 gal of wine throughput} \]

Uncontrolled emissions for Twelve-Tank Battery

Uncontrolled Emissions = Gallons Throughput/year x 0.297 lb-VOC/1000 gallons

= (39.6 x 10⁶ gal/year) x (0.297 lb-VOC/1000 gal)

Uncontrolled Emissions = 11,761 lb/year

² Per discussions with the Wine Institute (Bob Calvin of Constellation Wines) during Rule 4694 development (8/16/05)
Capture of VOCs with Thermal or Catalytic Oxidation/ Carbon Adsorption/Absorption or Condensation (Options 2, 3, 4, and 5)

A common feature of all of these options is that they require installation of a collection system for delivering the VOC's from the tanks to the common control device. The analysis below indicates that these options are not cost effective by showing that just the annualized direct cost for the ductwork of the collection system and supporting structural steel and foundations alone is too large, when considered at the District’s cost effectiveness threshold for VOC BACT, to justify the capital investment required by these options. This approach ignores additional major costs for the actual control device and its installation and for equipment sterilization systems for ductwork and control device, instrumentation and control systems for isolation of individual tanks in the battery, site specific factors due to limited plot space (known to be a significant factor at all wineries), and operating and maintenance costs for each system. Should all these additional cost factors be included, the calculated cost effectiveness would be substantially higher than indicated below.

a. Control Efficiency

Option 2 is capable of a 98% reduction in VOC emissions while the remaining options under consideration have lesser control efficiencies. Showing that all of the options under consideration are not cost effective at a 98% reduction level based on capital investment requirements of ductwork and steel alone is adequate since options other than thermal/catalytic oxidation would be even less cost effective at their actual (lower) reduction levels.

Annual Emission Reduction = Uncontrolled Emissions x 0.98 = 11,761 lb-VOC/year x 0.98 = 11,526 lb-VOC/year = 5.76 tons-VOC/year

b. Capital Investment For Installation of a VOC Collection System

Design and Estimate Basis:

- The basis and approach for the capital cost estimate for ductwork and support steel is summarized in BACT Attachment 1.
- The collection system consists of stainless steel plate ductwork (stainless steel is required due to cleanliness and sterilization requirements for wine quality considerations and due to the food grade product status) with isolation valving, connecting twelve 200,000 gallon tanks to a common manifold system which ducts the combined vent to the common control device. The cost of dampers and isolation valving, installed in the ductwork, will not be included in the cost estimate.
A minimum duct size is established at 6 inches diameter at each tank to ensure minimal backpressure of the tank during filling operations and to provide adequate strength for spanning between supports. The main header is 12" diameter to handle the potential for simultaneously venting all tanks based on a potential fill rate of 1000 gpm for each tank (per applicant) and a duct velocity of 2000 feet per minute.

The ductwork is designed with features to facilitate clean-in-place (CIP) operation to allow for periodic sterilization procedures as required for food grade products. The CIP system includes strategically placed spray nozzles on the ductwork for injecting sterilizing solutions into the system. Cost impacts to install CIP systems to clean the ducting are not included in the cost estimate.

The ductwork is supported on a structural steel piperack mounted on drilled concrete piers, running through the new tank battery. Ducting elevations are established to allow continuous free draining to the separator located at the control device.

Unit Installed Costs for Ductwork: A direct cost estimate for 12" diameter stainless steel ductwork, installed in a San Joaquin Valley winery, was taken from a study prepared by Eichleay Engineering for the Wine Institute in conjunction with development of District Rule 4694. The estimate is based on 2nd quarter 2005 dollars, and includes fittings, miscellaneous duct supports and other materials plus field labor costs required to install the ductwork, but does not include other associated indirect costs such as construction management, engineering, owner's cost, contingency, etc. BACT Attachment 1 presents the development of unit installed costs for stainless steel ducting based on the costs derived from the Eichleay estimate.

Linear feet of ducting required was extracted from the Eichleay Estimate for a similar system at Gallo-Livingston (see BACT Attachment 1).

Costs for structural steel supports and foundations were extracted from the Eichleay Estimate for a similar system at Gallo-Livingston (see BACT Attachment 1).

Sales tax of 8% was applied to all materials.

Indirect costs include Engineering, Construction Expense and Contractor's Fee and Contingency. Factors for these costs are taken from Peters & Timmerhaus.

Capital costs taken from the Eichleay estimate are 2005 dollars. These are escalated to 2009 based on 3% overall escalation per year.

**Capital Investment (for ductwork and steel supports)**

Fixed Capital Investment is summarized in the following table:

---

3 Eichley Engineers of California, Fermenter VOC Emissions Control Cost Estimate (Revision 1), Eichleay Project Numbers 30892 and 30913, June 30, 2005

## Fixed Capital Investment for Options 2, 3, 4 and 5

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<th>Item</th>
<th>Qty</th>
<th>Unit</th>
<th>Direct Cost</th>
<th>Total Item Material Cost</th>
<th>Total Item Labor Cost</th>
<th>Unit Subcontract Price</th>
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Annualized Capital Investment and Cost Effectiveness (based on ductwork):
Annualized Capital Investment = Initial Capital Investment x Amortization Factor
Amortization Factor = 0.163 per District policy, amortizing over 10 years at 10%
Therefore,
Annualized Capital Investment = $935,027 x 0.163 = $152,409
Cost Effectiveness = Annualized Cost/Annual Emission Reductions

Cost Effectiveness = $152,409/5.76 tons-VOC = $26,500/ton-VOC

As shown above, the cost of VOC reduction by capture of VOCs with thermal or catalytic oxidation, carbon adsorption, absorption or condensation would be greater than the $17,500/ton cost effectiveness threshold for VOC in the District BACT policy, based only on the direct cost required for the collection ducting. Therefore these options are not cost-effective and will not be considered for this project.

Step 5 - Select BACT

All identified feasible options with control efficiencies higher than the option proposed by the facility have been shown to not be cost effective. The facility has proposed Option 1, insulated tank, pressure/vacuum valve set within 10% of the maximum allowable working pressure of the tank, “gas tight” tank operation and achieve and maintain a continuous storage temperature not exceeding 75 °F within 60 days of completion of fermentation. These BACT requirements will be placed on the ATC as enforceable conditions.

Attachments:

BACT 5.4.13 Attachment 1: Development of Direct Costs for Installation of a VOC Collection System on a Battery of Wine Storage Tanks
BACT 5.4.13 Attachment 2: Plot Plan for Gallo-Livingston (Eichleay Study)
BACT 5.4.13 Attachment 3: Ducting Costs for VOC-2 (Eichleay Study)
BACT 5.4.13 Attachment 4: Structural Steel Costs for VOC-2 (Eichleay Study)
BACT 5.4.13 Attachment 5: Foundation Costs for VOC-2 (Eichleay Study)
BACT 5.4.13 Attachment 1

Development of Direct Costs for Installation of a VOC Collection System on a Battery of Wine Storage Tanks
**Background**

During the development of District Rule 4694 (Wine Fermentation and Storage Tanks), The Wine Institute commissioned a study by Eichleay Engineers of California to develop costs for installation of VOC controls on all wine fermentation tanks at the Gallo winery located at Livingston, CA. The SJVAPCD participated in development of the study and in the review of the final draft. The District reviewed this estimate (Eichleay study) in conjunction with the development of District Rule 4694 (see Appendix C, Final Draft Staff Report - Rule 4694, December 15, 2005). The District's review indicated that, although the District took issue with various scope elements of the overall estimate, the estimating methodology employed appears to be fundamentally sound and follows accepted practice in the engineering and construction industry, accurately estimating the material quantities required for the stated scope and applying reasonable unit rates and costs for materials and labor for development of direct costs.

The Eichleay study developed detailed direct cost estimates for four separate tank batteries at Gallo-Livingston; VOC-1, '2, '3 and '4 (see plot diagram in Attachment A). The direct cost estimate scope for each battery included a stainless steel ducting manifold system connected to a VOC control device and structural steel ducting supports with associated foundations. VOC-2 is a tank battery consisting of twelve (12) 200,000 gallon capacity tanks, identical to the hypothetical "industry-typical" tank battery installation which forms the basis for the cost effectiveness calculations for this BACT determination. The estimates of ducting, steel supports and foundations prepared in the Eichleay study for VOC-2 can be used as a basis to establish costs for the cost effectiveness evaluation required by this BACT determination.

**Approach and Estimate Basis**

**Ducting**

Attachment B is the detailed direct cost estimate from the Eichleay study for ducting for VOC-2 (annotated to indicate the required subtotals). Since VOC-2 at Gallo-Livingston consists of twelve fermentation tanks rather than storage tanks, the diameter of the estimated ductwork is larger than required for storage-only tanks due to the much larger vent rate from fermentation. However, since the tank sizes and layout considerations would not be affected by tank utilization, the Eichleay estimate of total linear footage and duct fittings ductwork can be utilized directly. The estimate details in Attachment B are utilized in the following manner to develop ducting costs for the "industry typical" tank battery:

- Linear feet of ductwork required is taken directly from the Eichleay estimate for VOC-2 (Attachment B). Linear feet required for individual branch connections to each tank is given by the footage of 12" diameter ducting while the linear footage for the main header is represented by the balance of the ductwork for VOC-2. Based on this approach, 75 linear feet of ducting is required for branch connections to the tanks while 870 feet of ducting is required for the main
headers and the ducting run to the control device. Since the "industry-typical" ducting for storage tanks has been determined to be 6" diameter for branch connections and 12" diameter for the main header, the following material requirements are established for the "industry-typical" storage tank battery:

- 6" diameter ducting: 75 linear feet
- 12" diameter ducting: 870 linear feet

- Unit direct cost ($ per foot) of 12" diameter ducting can be determined by adding the labor and material costs required and dividing by the total linear footage of the particular diameter of ducting included in the estimate. For the 75 linear feet of 12" diameter ducting included in the Eichleay estimate for VOC-2, total labor and material costs were estimated at $5,137 and $5,650 respectively. Dividing each figure by 75 yields the unit labor and material costs for 12" diameter ducting:
  
  Unit labor cost for 12" ducting: $68.49/ft
  Unit material cost for 12" ducting: $75.33/ft

- The Eichleay estimate did not include estimates of direct cost for 6" diameter duct. Therefore, it is necessary to develop a cost by appropriate factoring of the 12" diameter cost. To adjust the direct cost to a 6" system, cost equations for stainless steel plate ductwork are taken from the EPA Air Pollution Control Manual, Section 2, Chapter 1, Table 1.9, which indicates a cost equation for stainless steel plate duct as follows:

  \[
  \text{Duct Cost} = 6.29 \times (\text{Duct Diameter}^{\text{inches}})^{1.23}
  \]

  Using this equation form, it is apparent the relative cost of 6" duct versus 12" duct can be calculated as follows:

  \[
  6" \text{ Duct Cost} = 12" \text{ Duct Cost} \times (6/12)^{1.23}
  \]

  Since the EPA cost manual develops total direct cost based on applying additional factors to the duct cost, the use of the above factor for adjustment of the total direct cost is consistent with EPA cost estimation methods.

  Therefore,

  Unit Labor Cost for 6" Duct = $68.49 \times (6/12)^{1.23} = $29.20/linear foot
  Unit Material Cost for 6" Duct = $75.33 \times (6/12)^{1.23} = $32.11/linear foot

**Structural Steel**

- Structural steel cost can be assumed to be the same for the "industry-typical" system as for VOC-2 since the heights and sizes of structure will be the same. Attachment C is the Eichleay estimate of structural steel required for VOC-2,
annotated to show required subtotal. Based on this approach, structural steel cost for the industry-typical" case is as follows:

Purchased Structural Steel : $287,630  
Labor for Erection of Structural Steel: $45,273  

Foundations

- Cost for foundations for the structural steel towers can be assumed to be the same for the "industry-typical" system as for VOC-2 since the heights and sizes of structure are assumed to be the same. Attachment D is the Eichleay estimate of the foundations required for VOC-2, annotated to show required subtotal. Pricing is based on a subcontract price including labor and materials. Based on this approach, 32 drilled concrete piers are required at a subcontract cost of $1,000 each.
BACT 5.4.13 Attachment 2
Plot Plan for Gallo-Livingston (Eichleay Study)
BACT 5.4.13 Attachment 3
Ducting Costs for VOC-2 (Eichleay Study)
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Process Piping & Equipment

15 of 25

11:09 AM 02/24/2006
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**VOC-3**

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**Process Piping & Equipment**
BACT 5.4.13 Attachment 4
Structural Steel Costs for VOC-2 (Eichleay Study)
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<td>1,000</td>
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</tr>
<tr>
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<td>62.00</td>
<td>4,340</td>
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To previous page
BACT 5.4.13 Attachment 5
Foundation Costs for VOC-2 (Eichleay Study)
### Client Name: Wine Institute
- **Job Number:** 30913
- **Job Title:** Fermenter VOC Emissions - Livingston West Side Fermenters

**Job Title:** Fermenter VOC Emissions - Livingston West Side Fermenters

---

#### CODE: 030 - Concrete

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<th>$/HR</th>
<th>UNIT COSTS</th>
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<th>$/HR</th>
<th>UNIT COSTS</th>
<th>TOTAL COSTS</th>
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<td>16,000.00</td>
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<td>110 cy</td>
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<th>$/HR</th>
<th>UNIT COSTS</th>
<th>TOTAL COSTS</th>
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<td>16,000.00</td>
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<td>20,000.00</td>
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<td>Install foundation for VOC-1 &amp; tank</td>
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<td></td>
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<th>$/HR</th>
<th>UNIT COSTS</th>
<th>TOTAL COSTS</th>
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<td>20.00</td>
<td>20,000.00</td>
<td>20,000.00</td>
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<tr>
<td>Install foundation for VOC-1 &amp; tank</td>
<td>110 cy</td>
<td></td>
<td>450.00</td>
<td>450.00</td>
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**Allowance for building pad**

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<th>$/HR</th>
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<th>TOTAL COSTS</th>
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**TOTAL - Concrete**

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<th>$/HR</th>
<th>UNIT COSTS</th>
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**Total Costs:**

- **Concrete:** $444,950.00
A. Top-Down BACT Analysis for VOC Emissions from Wine Fermentation Tanks

**Step 1 - Identify All Possible Control Technologies**

The SJVUAPCD BACT Clearinghouse guideline 5.4.14, 3rd quarter 2010, identifies achieved in practice and technologically feasible BACT for wine fermentation tanks as follows:

1. Temperature-Controlled Open Top Tank with Maximum Average Fermentation Temperature of 95°F (current Achieved-in-Practice operation)
2. Adsorption (often using activated carbon, which transfers the VOC in the air onto a solid substrate);
3. Thermal or Catalytic Oxidation (conversion of the VOC to CO₂);
4. Absorption ("scrubbers", which transfer the VOC in air emissions to a liquid waste stream);
5. Condensation (conversion of the VOC gases into liquids); and

**Step 2 - Eliminate Technologically Infeasible Options**

All of the options listed above are considered to be technologically feasible.

**Step 3 - Rank Remaining Control Technologies by Control Effectiveness**

The options enumerated above can be ranked as follows:

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<th>Option</th>
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<td>3</td>
<td>Capture of VOCs and thermal oxidation</td>
<td>88 %(**)</td>
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<td>Capture of VOCs and carbon adsorption</td>
<td>86 %</td>
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<tr>
<td>3</td>
<td>4</td>
<td>Capture of VOCs and absorption.</td>
<td>81 %</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>Capture of VOCs and condensation</td>
<td>81 %</td>
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<tr>
<td>5</td>
<td>1</td>
<td>Temperature-Controlled Open Top Tank with Maximum Average Fermentation Temperature of 95°F</td>
<td>Baseline (Achieved-in-Practice)</td>
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</tbody>
</table>

(*) Capture efficiency (90%) x removal efficiency for control device
(**) Following recent District practice, thermal and catalytic oxidation will be ranked together.
Step 4 - Cost Effectiveness Analysis

General Approach for Cost Effectiveness

Due to differences in processing temperature, red wine has an emissions factor of 6.2-lb VOC/1,000 gallons whereas white wine has an emissions factor of 2.5-lb/1000 gallons of fermented wine per District Rule 4694, Wine Fermentation and Storage Tanks. In addition, red wine fermentation batches are completed in 3 to 5 days versus 10 to 14 days for white wine fermentation. Therefore, a red wine fermentation tank of a given size will potentially operate at significantly higher throughput and produce significantly higher emissions per unit of throughput relative to a white wine fermentation tank of the same size. As a result of these differences in emission rates, the cost effectiveness for controlling emissions from red wine will be fundamentally better than that for white wine and thus the cost effectiveness analysis will be first performed for red wine only. In the event a technology is shown to be cost effective for red wine, that particular technology will be analyzed for white wine fermentation as well.

The following emission control technologies have been determined to be technologically feasible for control of VOC emissions from wine fermentation tanks:

- Thermal Oxidation (88% control)
- Carbon Adsorption (86% control)
- Refrigerated Condenser (81% control)
- Wet Scrubber (81% control)

Recognizing that “thermal oxidation” includes both recuperative and regenerative thermal oxidizers the cost effectiveness of the following cases will be examined for the determination of BACT for wine fermentation:

Case 1  Thermal oxidation with 0% heat recovery (low capital/high operating cost)
Case 2  Regenerative thermal oxidation with 95% heat recovery (high capital/low operating cost)
Case 3  Refrigerated Condensers
Case 4  Water scrubber
Case 5  Carbon adsorption

A cost-effectiveness analysis is not required for temperature-controlled fermentation since this option is Achieved-in-Practice. To establish a comparative physical scope of each of the above cases, the District will take an industry-wide approach based on applying the five different control technology cases to red wine fermentation tanks located at the E & J Gallo Winery at Livingston, California (Facility N-1237), rather than the O'Neill facility. The rationale for this is based on the following:

- The Gallo facility at Livingston is sufficiently representative of typical red wine fermentation facilities located at major source wineries to allow it to serve as a general model for the physical scope requirements of such facilities including the O'Neill facility.

- The Gallo facility is currently the largest winery in the world and the average fermentation tank size is larger than that of the O'Neill facility. Any control technology found to not be cost effective for the Gallo facility can be assumed to be not cost effective to smaller facilities such as O’Neill as well due to economies of scale. If any technology is determined to be cost effective at Gallo, it will then be analyzed for the O’Neill facility as well to confirm cost effectiveness for the smaller operation.
• The Gallo facility was used as a basis for engineering and cost effectiveness studies in development of District Rule 4694 and substantial scope and cost information is available for this facility pertaining to the scope of control system requirements and that of the ancillary systems required to support the basic emission control units (such as ductwork and supports and the CIP systems for the ductwork). The Eichleay study details the potential application of VOC controls to this facility and addresses many of the technical issues and the general site specific factors for wineries. This study developed two separate estimates, one for the fermentation control system installation ("Base Estimate") and a second "Utilities Estimate" to cover the clean-in-place system, the expansion of the plant electric utility and the instrument air system. District staff has reviewed the estimating methodology employed in the Eichleay estimates and found that the estimating approach is fundamentally sound and follows accepted practice in the engineering and construction industry, applying reasonable unit rates and costs for materials and labor for development of direct costs. This information is available to use as a basis for this cost effectiveness analysis. The Eichleay Base and Utilities Estimates are attached as BACT Attachment B.

Estimating Basis

Estimates of Total Capital Investment (TCI), annual costs, potential emission reductions, and the resulting cost effectiveness have been prepared for each of the control technology cases above utilizing selected portions of the Direct Costs developed by the Eichleay study. The general approach and basis of the estimates is as follows:

1. Except for specific substitutions or modifications as listed below, EPA's cost template for VOC incineration systems, as presented in the EPA Control Cost Manual, Section 3.2, Tables 2.8 and 2.9, was used. Typical site specific factors and other required direct costs not covered by the template have been extracted from the Eichleay study and inserted in the template to cover all the scope elements required for installation of controls on fermentation tanks. To ensure that all estimate cases are comparative, the EPA cost template (with EPA cost factors) was used to develop the direct cost of installing the purchased control device for all estimate cases. The control device is taken to include the upstream separator vessel which is used to separate any entrained liquids from the fermentation tank vent stream before it enters the control device.

2. All estimates are based on the general facilities design prepared by Eichleay for the Gallo winery at Livingston, CA. Using this basis, the impact of substituting different control technologies will be examined. It is assumed that the basic scope of ductwork and supports, tank modifications, ancillary systems and site specific costs will be common to all technologies.

3. The Gallo facility consists of 60 red wine fermentation tanks with a combined nominal capacity of 6,850,000 gallons. In the general facilities design as prepared by Eichleay the tanks are grouped into four separate groups of tanks, each group separately manifolded together and ducted to a separate dedicated control device (See Eichleay drawing SK-30892-001 in BACT Attachment E). The tank groupings are designated as:

- VOC-1 Seventeen (17) 100,000 gallon tanks
- VOC-2 Twelve (12) 200,000 gallon tanks
- VOC-3 Ten (10) 100,000 gallon tanks and seven (7) 50,000 gallon tanks
VOC-4  Fourteen (14) 100,000 gallon tanks

4. Control device capacity (per the Eichleay study) is based on a peak vapor rate of 9.75 scfm/1000 gallons of wine fermenting at an 85 °F fermentation temperature. Since the Eichleay study was based solely on using a thermal incinerator as the control device, an additional 23.6 % flow capacity is included in the control device capacity to account for the combustion air which must be added since the vent stream from the tank contains only CO2, water and ethanol. Other non-combustion control technologies do not require additional air and may thus be rated at a lower flow capacity. On this basis, the four control devices have been determined to require the following capacities:

5.

<table>
<thead>
<tr>
<th>Red Fermentation Capture and Control Systems Proposed for Gallo-Livingston Per Eichleay Engineering Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC Device Number</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>VOC-1</td>
</tr>
<tr>
<td>VOC-2</td>
</tr>
<tr>
<td>VOC-3</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>VOC-4</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

6. Capacities and costs for control devices for each case were developed based on the capacities of the four VOC systems listed above. Sources for pricing of control devices were as follows:

Recuporative Thermal Oxidizers: EPA Cost Control Manual, Section 3.2, Chapter 2, Equation 2.29

Regenerative Thermal Oxidizers: Vendor quotations obtained by Eichleay Engineering

Carbon Adsorption System: Technical Assessment Document, p.17

Water Scrubbers: STI Study⁵, Table 5

BACT Attachment C presents the developed capacities and estimated purchase prices for the control devices for each estimate case...

7. Purchased equipment costs for the knock out vessels (common to all estimate cases) have been extracted from the main Eichleay estimate. A purchased material cost of $148,000 for the knock out vessels was taken from page 15 of Eichleay's main estimate. Sizing criteria is presented in the Eichleay study and the pricing was developed based on Eichleay's in-house estimating data for this type of equipment derived from purchasing experience on previous projects.

8. Direct costs taken from the Eichleay study will be used for estimation of site specific and other costs not covered by the equipment factors in the EPA VOC incineration cost template. These costs include site preparation, ductwork, structural steel pipeway and associated foundations for ductwork support, clean-in-place (CIP) system, expansion of the plant electric utility, modification of fermentation tanks for duct connections, and the instrumentation system for control of tank foam over.

9. Site preparation costs to develop a plot area for the VOC control equipment have been extracted from page 4 of the main Eichleay estimate which the District considers to be typical of the requirements which would be encountered at most existing major wineries. Most wineries are constructed with the tanks located in tight groups with minimal spacing between the tanks, requiring that control devices be installed on the perimeter of the winery, typically undeveloped agricultural land. Extracted costs from the Eichleay include subcontract pricing for demolition of an existing road, installation and compaction of fill, and new pavement to develop a plot space sufficient to install four new control devices with upstream separators and associated piping and ducting. These costs total $1,254,000 and are based on budgetary subcontract pricing obtained by Eichleay.

10. The total direct cost for ductwork was extracted from the Eichleay study. A material cost of $1,104,800 and an installation labor cost of $940,500 for the ductwork has been extracted from pages 16 through 23 of the main Eichleay estimate. California sales tax of 8% and freight charges of 3% were added to the materials cost to arrive at a direct cost of $2,167,000 for the ductwork. Estimated ductwork quantities are based on Eichleay plan drawing SK-30913-001 and the process flow diagram presented in Eichleay drawing SK-30892-003 (see BACT Attachment E). Unit costs for fabricated stainless steel ductwork were based on a budgetary quotation obtained by Eichleay from Viron International, a ductwork spool fabricator.

11. A material cost of $1,779,600 and an installation labor cost of $752,000 for structural steel to support the new ductwork system and associated piping has been extracted from the totals presented on page 8 of the Eichleay base estimate. California sales tax of 8% and freight charges of 3% were added to the materials cost to arrive at a direct cost of $2,727,000 for the structural steel. Steel design and quantities in this estimate are based on Eichleay plan drawing SK-30913-001 and the steel structure sections presented in Eichleay drawing SK-S12 (see BACT Attachment E). Fabricated steel pricing was based on a quotation obtained by Eichleay from a structural steel fabricator in Bakersfield, CA.

12. Costs for heavy lift equipment including heavy cranes and use of a helicopter operation to set steel structures and ductwork was taken from page 24 of the main Eichleay estimate. Pricing was obtained by Eichleay from a helicopter firm based out of the Fresno Airport.

13. The Eichleay utility estimate developed a total direct cost of $5,859,000 for both the CIP system and the expansion of the plant electric utility. Eichleay drawing SK-30892-004 provides a piping and instrumentation diagram for the CIP chemicals storage and supply
system. Drawing SK-30892-006 illustrates the CIP spray header installation in the ductwork. Expansion of the electric utility included new 12 kV switchgear and 1500 kVA transformer to supply power from the existing switchyard to the project (see Eichleay drawings 30892-SK-E01 and E02). A direct allocated cost of $314,000 for the electric utility expansion was extracted from page 8 of the utilities estimate. Total Direct Cost for this item is taken as 391,000 after pro-rating the Contractor’s Fee and other unallocated construction expense from the estimate. The balance of the Total Direct Cost (labeled “Field Cost” in the estimate summary sheet) is the direct cost of $5,468,000 for the CIP system (this figure includes a small amount for expansion of the plant instrument air system also).

14. The direct costs (materials, labor, and subcontracts) to modify the fermentation tanks for installation of new nozzles required for connection of ductwork includes costs for build and teardown of scaffolding in each tank, demolition of existing insulation, machine cutting of each tank, fabrication and installation of new nozzles, and post-weld passivation of the tank. These costs are taken from pages 15 and 16 of the main estimate and total $487,000.

15. The direct cost for an instrumentation system for control of tank foam over was taken from page 13 of the main Eichleay estimate. The materials cost of $514,800 for capacitance probes, actuated butterfly valves and switches to be installed on each tank was adjusted to include California sales tax and a 3% freight cost. Installation labor of $57,600 from page 13 was added to yield a total direct cost for this item of $629,000. Design basis for the system is presented in Eichleay drawing SK-30892-007 (see BACT Attachment E). Unit material costs are based on budgetary vendor’s pricing obtained by Eichleay. Unit labor factors and costs are based on Eichleay’s in-house estimating data.

16. The EPA model cost factor for foundations and supports is 8% of purchased equipment cost which in this case is applicable to only the control device and the knock out vessel. It thus does not factor in the costs of foundations for the substantial steel structures required for this project. Therefore, this cost was extracted from the Eichleay study and added as a direct cost in the estimate. Foundation design for the pipeway consists of drilled concrete piers for support of pipeway structures which require a minimal footprint relative to conventional footers and for this reason are the standard approach for support under new steel columns when they are being installed in congested areas in existing industrial facilities. Direct costs (material + labor + subcontract) for concrete pier foundations have been extracted from page 5 of the estimate ($247,000) which covers drilling, rebar fabrication and setting, forming, pouring and finishing of the drilled piers. Estimated quantities are based on Eichleay plan drawing SK-30913-001 and the steel structure sections presented in Eichleay drawing SK-S12. The unit costs were based on Eichleay’s historical experience with subcontract pricing for these items.

17. Construction Expense and Contractor’s Fee have been included in the direct costs at 8% and 10 percent of all other direct costs respectively. These percentages reflect those used in the Eichleay study and are typical based on District Staff’s experience. For comparison, Peters & Timmerhaus recommend 10% and 7% for the items respectively.

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18. Annual natural gas usage of 67,412 therms was estimated for the Gallo Livingston design by Eichleay (Appendix G of the Eichleay study) based on a 12 week season and 95% thermally efficient RTO's operating 50% of the time with an ethanol concentration of 6,034 ppm for 50% of the time and in hot standby the other 50% with allowance for startups. This natural gas usage will be used as the basis for the cost effectiveness calculations, factored as required for the thermal efficiency basis of the proposed control unit.

19. Long term natural gas price is assumed to be $8.00 per MMBtu

20. Power consumption for the Gallo facility is estimated by Eichleay at 586 kW (Appendix G of the Eichleay study). Since essentially all this power is consumed by the induced draft fans at the VOC control unit, this power basis will be assumed to be the same for the induced draft fans associated with all control technologies, factored down as required for control units not requiring combustion air.

21. Power consumption will be based on a 120 day crush season and a power cost of $0.11/kWh.

22. BACT Attachment D presents a tabulation of the utilities and other annual costs for each estimate case as well as the details of the basis and calculations.

23. Escalation has been applied at a rate of 3% per year where applicable.

24. Engineering cost and construction management costs have been included at 15% and 3% of the Total Direct Cost based on the percentages applied in the Eichleay Study. These percentages reflect those used in the Eichleay study and are typical based on District Staff's experience. A value of 15% for engineering is generally less than that recommended by Peters & Timmerhaus\(^7\) who indicate engineering costs typically are in the range of 4-21% of Total Capital Investment with a median value of 13%.

25. Calculated VOC emission reductions will be debited for collateral NOx and VOC production from firing of natural gas where applicable based on 1 lb NOX = 1 lb VOC. For natural gas, emissions are based on 0.1 lb-NOx/MMBtu and 0.0055 lb-VOC/MMBtu per AP-42. Calculated emissions from natural gas firing are presented in the following table:

---

26. Contingency has been included at 10% of the sum of Total Direct Cost and Total Indirect Cost. This value is given as typically 8-20% with an average of 10% by Peters and Timmerhaus.  

27. Operating labor requirement was estimated one full time operator for all four VOC control systems with 3 shifts per day for the duration of the 120 day crush operation.  

28. Maintenance labor requirement was estimated at 80 hours per week for all four control systems during a total of 20 weeks per year.  

29. Operating and maintenance labor cost was included at $19.50/hour and $33.00 for year 2005 respectively per the Eichleay study and escalated at 4% to 2009.  

30. Maintenance materials have been estimated at 3% of TCI. (Peters and Timmerhaus give a typical value of 6% for general process industries).  

31. Total Capital Investment has been annualized based on a 10 year equipment life and a 10% opportunity cost for capital (CRF = 0.163).  

32. Calculation of potential emissions from fermentation is based upon the red wine emission factor of 6.2 lb-ethanol per 1000 gallons of red wine and upon the maximum potential wine production capacity for the fermentation tanks. Maximum annual throughput capacity is calculated as follows:

---

Red crush season duration of 120 days

Five day batch processing period for red wine fermentation; maximum number of batches per season = 120 days/season ÷ 5 days/batch = 24 batches per season

Total red wine fermenter volume in this estimate = 6,850,000 gallons

Maximum fill for red wine fermenter (due to foaming/expansion) = 80%

Maximum wine production capacity = working capacity of fermenters x # batches per season = 6,850,000 x 80% x 24 = 131,520,000 gallons per year

VOC Emissions = 131,520,000 gallons/year x 6.2 lb-VOC/1000 gallons

= 815,400 lb-VOC/year = 407.7 tons-VOC/year

Cost Effectiveness Estimates

Table 1 presents the development of Total Capital Investment (TCI) for all capture and control cases based on the general facilities design prepared by Eichleay (including site specific costs and CIP) and Table 2 presents the associated annual costs, emission reductions, and cost effectiveness for each capture and control case.
### Table 1

Total Capital Investment for VOC Control of Red Wine Fermentation

<table>
<thead>
<tr>
<th></th>
<th>Case 1 Thermal Ox</th>
<th>Case 2 RTO</th>
<th>Case 3 Refrigerated Condenser</th>
<th>Case 4 Water Scrub</th>
<th>Case 5 Carbon Adsorption</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Direct Costs</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purchased Equipment Costs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control Device</td>
<td>$745,000</td>
<td>$1,854,000</td>
<td>$3,003,000</td>
<td>$396,000</td>
<td>$1,667,000</td>
</tr>
<tr>
<td>Knock Out Vessels</td>
<td>$148,000</td>
<td>$148,000</td>
<td>$148,000</td>
<td>$148,000</td>
<td>$148,000</td>
</tr>
<tr>
<td>Subtotal Equipment (A)</td>
<td>$893,000</td>
<td>$2,002,000</td>
<td>$3,151,000</td>
<td>$544,000</td>
<td>$1,815,000</td>
</tr>
<tr>
<td>Instrumentation (0.10 x A)</td>
<td>$89,000</td>
<td>$200,000</td>
<td>$315,000</td>
<td>$54,000</td>
<td>$182,000</td>
</tr>
<tr>
<td>Sales Tax (0.08 x A)</td>
<td>$71,000</td>
<td>$160,000</td>
<td>$252,000</td>
<td>$44,000</td>
<td>$145,000</td>
</tr>
<tr>
<td>Freight (0.05 x A)</td>
<td>$45,000</td>
<td>$100,000</td>
<td>$158,000</td>
<td>$27,000</td>
<td>$91,000</td>
</tr>
<tr>
<td>Purchased Equipment Cost (PEC)</td>
<td>$1,098,000</td>
<td>$2,462,000</td>
<td>$3,876,000</td>
<td>$669,000</td>
<td>$2,233,000</td>
</tr>
</tbody>
</table>

| **Direct Installation Costs** |                   |            |                               |                   |                          |
| Foundations and Supports  | $88,000           | $197,000   | $310,000                      | $54,000           | $179,000                 |
| Handling & Erection      | $154,000          | $345,000   | $543,000                      | $94,000           | $313,000                 |
| Electrical               | $44,000           | $98,000    | $155,000                      | $27,000           | $89,000                  |
| Piping                   | $22,000           | $49,000    | $78,000                       | $13,000           | $45,000                  |

**Direct Costs Not Included Above**

| Structural Steel Pipeway | $2,727,000 | $2,727,000 | $2,727,000 | $2,727,000 | $2,727,000 |
| Ductwork                | $2,167,000 | $2,167,000 | $2,167,000 | $971,000   | $971,000    |
| Pipeway Foundations     | $247,000   | $247,000   | $247,000   | $247,000   | $247,000    |
| Site Prep               | $1,254,000 | $1,254,000 | $1,254,000 | $1,254,000 | $1,254,000  |
| CIP System              | $5,468,000 | $5,468,000 | $5,468,000 | $5,468,000 | $5,468,000  |
| Electrical Utility      | $391,000   | $391,000   | $391,000   | $391,000   | $391,000    |
| Tank Modifications      | $487,000   | $487,000   | $487,000   | $487,000   | $487,000    |
| Foam Over Control System| $629,000   | $629,000   | $629,000   | $629,000   | $629,000    |
| Heavy Lift Equipment    | $1,192,000 | $1,192,000 | $1,192,000 | $1,192,000 | $1,192,000  |
| **Subtotal**            | $15,968,000 | $17,713,000 | $19,524,000 | $14,223,000 | $16,225,000 |

| Construction Expense   | $1,277,000 | $1,417,040 | $1,561,920 | $1,137,840 | $1,298,000  |
| Contractor's Fee       | $1,597,000 | $1,771,300 | $1,952,400 | $1,422,300 | $1,622,500  |
| **Total Direct Costs** | $18,842,000 | $20,901,340 | $23,038,320 | $16,783,140 | $19,145,500 |

**Indirect Costs**

| Engineering            | $2,826,000 | $3,135,000 | $3,456,000 | $2,517,000 | $2,872,000  |
| Construction Management| $565,000   | $627,000   | $691,000   | $503,000   | $574,000    |
| Expense                | $22,000    | $49,000    | $78,000    | $13,000    | $45,000     |
| Start Up               | $11,000    | $25,000    | $39,000    | $7,000     | $22,000     |
| Performance Test       | $2,277,000 | $2,474,000 | $2,730,000 | $1,982,000 | $2,286,000  |
| Contingencies          | $5,651,000 | $6,310,000 | $6,994,000 | $5,022,000 | $5,779,000  |
| **Total Indirect Costs** | $5,651,000 | $6,310,000 | $6,994,000 | $5,022,000 | $5,779,000  |
| **Total Capital Investment** | $21,619,000 | $24,023,000 | $26,518,000 | $19,245,000 | $22,004,000 |
### Annual Costs for VOC Control of Red Wine Fermentation

<table>
<thead>
<tr>
<th>Control Device</th>
<th>Case 1 Thermal Ox</th>
<th>Case 2 RTO</th>
<th>Case 3 Refrigerated Cond. Water Scrubber</th>
<th>Case 4 Carbon Adsorption</th>
<th>Case 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Capital Investment</td>
<td>$21,619,000</td>
<td>$24,023,000</td>
<td>$26,518,000</td>
<td>$19,245,000</td>
<td>$22,004,000</td>
</tr>
<tr>
<td>Direct Annual Costs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Labor &amp; Materials</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Labor (.5 hr/shift-unit @ $22.81/hour)</td>
<td>$65,700</td>
<td>$65,700</td>
<td>$65,700</td>
<td>$65,700</td>
<td>$65,700</td>
</tr>
<tr>
<td>Supervisor (15% of operator cost)</td>
<td>$9,900</td>
<td>$9,900</td>
<td>$9,900</td>
<td>$9,900</td>
<td>$9,900</td>
</tr>
<tr>
<td>Operating Materials (15% of total maintenance cost)</td>
<td>$104,700</td>
<td>$112,500</td>
<td>$123,700</td>
<td>$91,000</td>
<td>$103,400</td>
</tr>
<tr>
<td>Maintenance Labor (0.5 hr/shift-unit@ $38.60/hour)</td>
<td>$49,400</td>
<td>$29,200</td>
<td>$29,200</td>
<td>$29,200</td>
<td>$29,200</td>
</tr>
<tr>
<td>Maintenance Materials (3% of TCI)</td>
<td>$648,600</td>
<td>$720,700</td>
<td>$795,500</td>
<td>$577,400</td>
<td>$660,100</td>
</tr>
<tr>
<td>Utilities</td>
<td>$1,263,600</td>
<td>$239,500</td>
<td>$399,600</td>
<td>$2,194,400</td>
<td>$407,200</td>
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<tr>
<td>Total Direct Annual Cost</td>
<td>$2,141,900</td>
<td>$1,177,500</td>
<td>$1,423,600</td>
<td>$2,967,600</td>
<td>$1,275,500</td>
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<tr>
<td>Indirect Annual Costs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overhead (60% of labor &amp; Mat'ls)</td>
<td>$527,000</td>
<td>$562,800</td>
<td>$614,400</td>
<td>$463,900</td>
<td>$521,000</td>
</tr>
<tr>
<td>Administrative Charges (2% of TCI)</td>
<td>$432,400</td>
<td>$480,500</td>
<td>$530,400</td>
<td>$384,900</td>
<td>$440,100</td>
</tr>
<tr>
<td>Property Taxes (2% TCI)</td>
<td>$432,400</td>
<td>$480,500</td>
<td>$530,400</td>
<td>$384,900</td>
<td>$440,100</td>
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<tr>
<td>Insurance (1% TCI)</td>
<td>$216,200</td>
<td>$240,200</td>
<td>$265,200</td>
<td>$192,500</td>
<td>$220,000</td>
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<tr>
<td>Capital Recovery (CRF = 0.163)</td>
<td>$3,523,900</td>
<td>$3,915,700</td>
<td>$4,322,400</td>
<td>$3,136,900</td>
<td>$3,586,700</td>
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<tr>
<td>Total Indirect Annual Cost</td>
<td>$5,131,900</td>
<td>$5,679,700</td>
<td>$6,262,800</td>
<td>$4,563,100</td>
<td>$5,207,900</td>
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<tr>
<td>Total Annualized Cost</td>
<td>$7,273,800</td>
<td>$6,857,200</td>
<td>$7,686,400</td>
<td>$7,530,700</td>
<td>$6,483,400</td>
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<tr>
<td>Emission Reductions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uncontrolled Emissions tpy</td>
<td>407.70</td>
<td>407.70</td>
<td>407.70</td>
<td>407.70</td>
<td>407.70</td>
</tr>
<tr>
<td>Collection &amp; Control Efficiency</td>
<td>88%</td>
<td>88%</td>
<td>81%</td>
<td>81%</td>
<td>86%</td>
</tr>
<tr>
<td>Annual Emission Reduction tpy</td>
<td>358.78</td>
<td>358.78</td>
<td>330.24</td>
<td>330.24</td>
<td>350.62</td>
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<td>Natural Gas Emissions tpy</td>
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<td>0.36</td>
<td>0.00</td>
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<td>0.00</td>
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<tr>
<td>Net Emission Reduction tpy</td>
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<td>358.42</td>
<td>330.24</td>
<td>330.24</td>
<td>350.62</td>
</tr>
<tr>
<td>Cost Effectiveness $/ton</td>
<td>$20,700</td>
<td>$19,100</td>
<td>$23,300</td>
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Step 5 – Select BACT

As estimated in Tables 1 and 2, the cost effectiveness of all technologies evaluated lie between $18,500 and $23,300 per ton. As discussed previously, since the evaluation basis for this determination was the control of emissions from large red wine fermenters it may be inferred that the calculated values are significantly lower than that which would be evaluated for white wine fermenters due to the lower emission factor and lower potential wine production rate for white wine fermentation tanks. In addition, since this study evaluated emission controls on what is currently the largest red wine fermentation plant in the world, the results are applicable to fermentation tanks of all sizes due to 1) wineries with smaller tanks will be less cost effective due to increasing redundancy and/or loss of economies of scale and 2) proposed new wineries with a capacity equal to or exceeding Gallo-Livingston would be less cost effective since, due to market considerations which are currently driving the industry toward smaller fermentation batches of more premium wine, a new fermentation facility would most likely be configured with a larger number of smaller tanks and a corresponding greater number of VOC control systems per gallon of capacity. Therefore, the evaluated cost effectiveness values above represent the low end of the range of cost effectiveness and any direct evaluation of the O'Neill facility is expected to yield a value which is significantly higher than those above.

The lowest evaluated cost effectiveness of $18,500 per ton exceeds the District's cost effectiveness threshold of $17,500 per ton for VOC. Therefore, since all Technologically Feasible BACT options have been demonstrated to not be cost effective, the fermentation tanks for O'Neill Beverages will be permitted for operation with Achieved-in-Practice BACT (operation with open top tank and a maximum average fermentation temperature of 95 °F).

Attachments:
BACT Attachment A: Equipment List for Permit Units
BACT Attachment B: Eichleay Estimates for Fermentation Controls at Gallo Livingston
BACT Attachment C: Sizing and Purchase Costs for Control Devices
BACT Attachment D: Utilities and other Annual Costs
BACT Attachment E: Eichleay Drawings
BACT 5.4.14 Attachment A

Eichleay Estimates for Fermentation Controls at Gallo Livingston
# ESTIMATE SUMMARY SHEET

**Client Name:** Wine Institute  
**Estimated By:** P.H.M.  
**Job Number:** 30913  
**Job Title:** Fermenter VOC Emissions - Livingston West Side Fermenters  
**Rev. 2 Date:** 6/24/05  
**Checked By:** R.H.

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**Prepared By:**  
**Date:** 6/24/05  
**Approved By:**  
**Date:** 6/24/05
## Eichleay Engineers Inc. of California

### ESTIMATE SUMMARY SHEET

**Client Name:** Wine Institute  
**Estimated By:** P.H.M.  
**Job Number:** 30913  
**Job Title:** Fermenter VOC Emissions - Livingston West Side Fermenters  
**Checked By:** R.H.  
**Rev. 2 Date:** 6/24/05

### TWO ESCALATION & OWNERS COSTS

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Prepared By: [Signature]  
Date: 6/24/05  
Approved By: [Signature]  
Date: 6/24/05
## ESTIMATE SUMMARY SHEET

**Client Name:** Wine Institute  
**Estimated By:** P.H.M.  
**Job Number:** 30913  
**Preliminary Estimate Checked By:** R.H.  
**Job Title:** Fermenter VOC Emissions - Livingston West Side Fermenters  
**Rev. 2 Date:** 6/24/05

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General Conditions (8%)  
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General Contractor Mark-Up (10%)  
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**Field Costs - Sub Total**  
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Design Fee Allowance (15%)  
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Construction Management Allowance (3%)  
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Plan Check & Permit Fee Allowance (2%)  
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Third Party Inspection Allowance (1.5%)  
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Escalation  
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**Sub Total**  
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Round Off  
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**GRAND TOTAL**  
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Date: 6/24/05

Approved By: [Signature]  
Date: 6/24/05
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**TOTAL - Concrete**

444,950 444,950
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| 1     | 3' wide grating on main rack                        | 2700 sf | 0.15 | 405       | 65.00     | 19.00  | 28.75 |         | 26,325 | 51,300   | 77,625  |       |         |
| 1     | Handrails                                           | 1800 lf  | 0.3  | 540       | 65.00     | 75.00  | 94.50 |         | 35,100 | 135,000  | 170,100 |       |         |
| 1     | Allowance for grating from main rack to existing catwalks | 1 lot | 50   | 50        | 65.00     | 5,000.00 | 8,250.00 | 3,250  | 5,000     | 8,250   |       |         |
| 1     | Allowance for capped ladders                        | 200 ft  | 0.5  | 100       | 65.00     | 50.00  | 82.50 |         | 6,500  | 10,000   | 16,500  |       |         |

<p>| 1     | 15 x 8 towers                                       | 5 ea   | 60   | 400       | 65.00     | 14,000.00 | 19,200.00 | 26,000 | 70,000    | 96,000  |       |         |
| 1     | 15' top level connection beams                      | 8 ea   | 8    | 64        | 65.00     | 550.00 | 1,070.00 | 4,160  | 4,400     | 8,560   |       |         |
| 1     | Cross bracing on top open sections                  | 4 ea   | 8    | 32        | 65.00     | 300.00 | 820.00  | 2,080  | 1,200     | 3,280   |       |         |
| 1     | 15 x 15 towers                                      | 5 ea   | 60   | 400       | 65.00     | 18,000.00 | 23,200.00 | 26,000 | 90,000    | 116,000 |       |         |
| 1     | 15' top level connection beams                      | 8 ea   | 8    | 64        | 65.00     | 550.00 | 1,070.00 | 4,160  | 4,400     | 8,560   |       |         |
| 1     | Cross bracing on top open sections                  | 4 ea   | 8    | 32        | 65.00     | 300.00 | 820.00  | 2,080  | 1,200     | 3,280   |       |         |
| 1     | 3' wide grating on walkway 1 &amp; 2                    | 810 sf | 0.15 | 121.5     | 65.00     | 19.00  | 28.75 |         | 7,898  | 15,390   | 23,288  |       |         |
| 1     | 3' wide grating to tanks                            | 510 sf | 0.15 | 76.5      | 65.00     | 19.00  | 28.75 |         | 4,973  | 9,690    | 14,663  |       |         |
| 1     | Handrails                                           | 920 lf | 0.3  | 276       | 65.00     | 75.00  | 94.50 |         | 17,940 | 69,000   | 86,940  |       |         |
| 1     | Grating to existing catwalks                        | 120 sf | 0.15 | 18        | 65.00     | 19.00  | 28.75 |         | 1,170  | 2,280    | 3,450   |       |         |</p>
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## Preliminary Estimate

### General Information
- **Client Name:** Wine Institute
- **Job Number:** 30913
- **Job Title:** Fermenter VOC Emissions - Livingston West Side Fermenters
- **Estimated By:** P.H.M.
- **Checked By:** R.H.
- **Rev. 2 Date:** 6/24/05

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TOTAL - Instruments & Controls: 1874

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Job Number: 30913
Job Title: Fermenter VOC Emissions - Livingston West Side Fermenters
Estimated By: P.H.M.
Checked By: R.H.
Rev. 2 Date: 6/24/05
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Process Piping & Equipment

23 of 25

11:08 AM 8/24/2005
### Client Information
- **Client Name**: Wine Institute
- **Job Number**: 30913
- **Job Title**: Fermenter VOC Emissions - Livingston West Side Fermenters

### Estimate Details
- **Estimated By**: P.H.M.
- **Checked By**: R.H.
- **Rev. 2 Date**: 6/24/05

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- **LABOR**: 1,555,088
- **MATERIALS**: 3,175,093
- **SUBCONTRACTORS**: 1,197,250
- **TOTAL**: 5,927,411

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**Process Piping & Equipment**

24 of 25

11:09 AM/24/2005
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**ESTIMATE SUMMARY SHEET**

**Client Name:** Wine Institute  
**Estimated By:** P.H.M.  
**Job Number:** 30913  
**Job Title:** Fermenter VOC Emissions - LIVINGSTON UTILITIES  
**Checked By:** R.H.  
**Rev. 2 Date:** 6/24/05

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Prepared By:  
Date: 6/24/05

Approved By:  
Date: 6/24/05
## Eichleay Engineers Inc. of California

### ESTIMATE SUMMARY SHEET

**Client Name:** Wine Institute  
**Job Number:** 39913  
**Job Title:** Fermenter VOC Emissions - LIVINGSTON UTILITIES  
**Estimated By:** P.H.M.  
**Checked By:** R.H.  
**Rev. 2 Date:** 6/24/05

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**Prepared By:**  
**Date:** 6/24/05  
**Approved By:**  
**Data:** 6/24/05
## ESTIMATE SUMMARY SHEET

### Client Name: Wine Institute

**Job Number:** 30913  
**Job Title:** Fermenter VOC Emissions - LIVINGSTON UTILITIES  
**Rev:** 2  
**Date:** 6/24/05

### CODE  ITEM DESCRIPTION  TOTAL MTRS  TOTAL COSTS  TOTAL

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- Labor: $0  
- Matl: $9,350  
- Subcon: $9,350

#### 3.00 Concrete  
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- Labor: $0  
- Matl: $81,050  
- Subcon: $81,050

#### 4.00 Masonry  
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- Subcon: $0

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- Matl: $20,000  
- Subcon: $20,000

#### 6.00 Wood & Plastics  
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- Labor: $0  
- Matl: $0  
- Subcon: $0

#### 7.00 Thermal & Moisture Protection  
- MTR: $0  
- Labor: $0  
- Matl: $164,600  
- Subcon: $164,600

#### 8.00 Door & Windows  
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#### 9.00 Finishes  
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#### 10.00 Specialties  
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#### 11.00 Equipment  
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#### 12.00 Furnishings  
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- Subcon: $0

#### 13.00 Special Construction  
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- Labor: $0  
- Matl: $0  
- Subcon: $0

#### 14.00 Conveying Systems  
- MTR: $0  
- Labor: $0  
- Matl: $0  
- Subcon: $0

#### 15.00 Mechanical HVAC & Plumbing  
- MTR: $0  
- Labor: $0  
- Matl: $0  
- Subcon: $0

#### 16.00 Electrical  
- MTR: $135,577  
- Labor: $181,792  
- Matl: $9,000  
- Subcon: $326,369

#### 17.00 Instruments & Controls  
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- Labor: $150,600  
- Matl: $0  
- Subcon: $229,575

#### 18.00 Process Piping & Equipment  
- MTR: $2,066,090  
- Labor: $1,774,780  
- Matl: $28,000  
- Subcon: $3,868,870

### Sub Total  
- MTR: $2,286,642  
- Labor: $2,107,172  
- Matl: $312,000  
- Subcon: $4,609,813

**Field Costs - Sub Total**  
- MTR: $6,056,743

**Design Fee Allowance (15%)**  
- $878,811

**Construction Management Allowance (3%)**  
- $175,752

**Plan Check & Permit Fee Allowance (2%)**  
- $1,808

**Third Party Inspection Allowance (1.5%)**  
- $1,356

**Escalation**  
- $1,971,112

**Sub Total**  
- $8,887,593

**Owners Costs**  
- $0

**Round Off**  
- $407

**GRAND TOTAL**  
- $8,888,000

### Prepared By:  
**Date:** 6/24/05

### Approved By:  
**Date:** 6/24/05
### Preliminary Estimate

**Client Name:** Wine Institute  
**Job Number:** 30913  
**Job Title:** Fermenter VOC Emissions - LIVINGSTON UTILITIES

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**Client Name:** Wine Institute  
**Job Number:** 30913  
**Job Title:** Fermenter VOC Emissions - LIVINGSTON UTILITIES  
**Estimated By:** P.H.M.  
**Checked By:** R.H.  
**Rev. 2 Date:** 6/24/05
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**POWER DISTRIBUTION**

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Allowance for trenching power cable

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**TOTAL - Instruments & Controls**

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Instruments & Controls
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Contingency
BACT 5.4.14 Attachment B

Sizing and Purchase Costs for Control Devices
### Carbon Adsorption Equipment Prices Based on Technical Assessment Document*  

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<th>VOC System</th>
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<th>Absorption Capacity Basis SCFM (Without Combustion Air)</th>
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<tr>
<td><strong>Totals</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$1,667,000</strong></td>
<td></td>
</tr>
</tbody>
</table>

* Technical Assessment Document p.77

### Water Scrubber Equipment Prices Based on STI Study*  

<table>
<thead>
<tr>
<th>Case</th>
<th>VOC System</th>
<th>RTO Capacity Basis SCFM (Eichleay Study)</th>
<th>Absorption Capacity Basis SCFM (Without Combustion Air)</th>
<th>2003 Cost (STI)</th>
<th>Cost Escalated to 2008 at 3% per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>16,000</td>
<td>12,900</td>
<td>$63,822</td>
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<td>2</td>
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<td>$71,387</td>
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<td>3</td>
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<td>10,500</td>
<td>$59,411</td>
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<td>4</td>
<td>13,000</td>
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<td>$59,411</td>
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<tr>
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<td></td>
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<td><strong>$396,000</strong></td>
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</tr>
</tbody>
</table>

* STI Study, p. 21
# Thermal Oxidizer Equipment Cost

## Thermal Oxidizer Equipment Prices (Without Heat Recovery) Based on EPA Cost Manual Section 3.2, Chapter 2

<table>
<thead>
<tr>
<th>Case</th>
<th>VOC System</th>
<th>RTO Capacity Basis SCFM (Eichleay Study)</th>
<th>1988 Cost (EPA)</th>
<th>Cost Escalated to 2009 at 3% per Year</th>
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</tr>
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<tr>
<td>Totals</td>
<td></td>
<td></td>
<td>$745,200</td>
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## Regenerative Thermal Oxidizer Equipment Prices (95% Heat Recovery) Based on Quotations Received in Eichleay Study

<table>
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<tr>
<th>Case</th>
<th>VOC System</th>
<th>RTO Capacity Basis SCFM (Eichleay Study)</th>
<th>2005 Cost (EPA)</th>
<th>Cost Escalated to 2009 at 3% per Year</th>
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<tr>
<td>1</td>
<td>16,000</td>
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<td>22,000</td>
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<td>3</td>
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</tr>
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<tr>
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<td></td>
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</table>
Refrigerated Condenser Sizing with Equipment Cost Based on EPA Cost Manual
Section 3.1, Chapter 2

<table>
<thead>
<tr>
<th>VOC System</th>
<th>RTO Capacity Basis (Eichleary Combustion Study)</th>
<th>System Capacity less Combustion Air</th>
<th>Refrigerated Condenser Duty Btu/hour</th>
<th>Refrigerated Condenser Duty Tons</th>
<th>1990 Cost (EPA)</th>
<th>Cost Escalated to 2008 at 3% per Year</th>
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<td>3</td>
<td>13000</td>
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<td>3,182,000</td>
<td>265</td>
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<td>$663,000</td>
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<tr>
<td>4</td>
<td>13000</td>
<td>10,500</td>
<td>3,182,000</td>
<td>265</td>
<td>$378,100</td>
<td>$663,000</td>
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<td>1,306</td>
<td>$1,027,200</td>
<td>$3,003,300</td>
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Condenser Duty Calculation:
Condenser Duty Basis: Inlet vapor stream contains a maximum of 16,000 ppmv ethanol at 86 F
Condensing Temperature is -12 F, 90% of Ethanol Condensed

<table>
<thead>
<tr>
<th>Latent Heat Ethanol</th>
<th>369 Btu/lb</th>
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<tbody>
<tr>
<td>Vapor Heat Capacity</td>
<td>0.21 Btu/lb</td>
</tr>
<tr>
<td>Latent Heat water</td>
<td>1060 Btu/lb</td>
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</table>

Condenser Heat Balance Based on 100 moles of Inlet Vapor:

<table>
<thead>
<tr>
<th></th>
<th>Moles In</th>
<th>Moles Out</th>
<th>Enthalpy Change Btu/100 moles vapor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol Vapor</td>
<td>1.60</td>
<td>0.16</td>
<td>1.44 -24,594</td>
</tr>
<tr>
<td>Water Vapor</td>
<td>4.20</td>
<td>0.00</td>
<td>4.20 -81,783</td>
</tr>
<tr>
<td>CO2</td>
<td>94.20</td>
<td>94.20</td>
<td>0.00 -85,319</td>
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<tr>
<td>Sub Total</td>
<td>100.00</td>
<td>94.36</td>
<td>5.64 -191,696</td>
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<td>Total</td>
<td>100.00</td>
<td>100.00</td>
<td>-191,696</td>
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<tr>
<td>-191696 Btu/100 moles</td>
<td>=</td>
<td>-5.05</td>
<td>Btu/scf</td>
</tr>
</tbody>
</table>
BACT 5.4.14 Attachment C

Utilities and Other Annual Costs
Costs for Utilities and Other Annual Operating Expenses

Costs for utilities and other annual costs are summarized in the tables on the following two pages. The basis and calculation of the costs is presented below:

Natural Gas – applicable to Cases 1, 2 and 5 only

**Case 1: Thermal Oxidizer with no heat recovery**

The estimate is based on the Eichleay Study which estimated the annual fuel consumption for 95% thermally efficient oxidizers at 67,412 therms/year = 6,741 MMBtu/year. At a natural gas cost of $8.00/MMBtu, the annual cost is 6,714 x $8.00 = $53,900 per year for all four regenerative thermal oxidizers with 95% heat recovery. Dividing by (1-95%) yields the fuel cost for a unit with zero heat recovery:

Case 1 Fuel Cost = $53,900/(1-95%) = $1,078,000 per year

**Case 2: Regenerative Thermal Oxidizers**

Case 2 is the Eichleay Study case. Therefore,

Case 2 Fuel Cost = $53,900 per year

**Case 5 – Carbon Adsorption**

As calculated elsewhere in this document, the carbon adsorption system will adsorb 350.62 tons per year of VOC's. Per the TAD, 11,800 lb of steam is required to recover 1 ton of ethanol. Given a boiler fuel requirement of 1,350 Btu/lb (based on absorbed boiler duty of 1,080 Btu/lb to produce 100 psig steam from 60 F water and an 80% combustion efficiency), annual fuel consumption for recovery of 350.62 tons ethanol per year is 11,800 x 350.62 x 1,350/10^6 = 5,585 MMBtu/year.

Case 5 Fuel Cost = 5,585 MMBtu/year x $8.00/MMBtu = $44,700 per year

**Electric Power**

**Cases 1 and 2 – Thermal Oxidizers**

For these cases, power consumption is considered to be only that for the ID fans. Per the Eichleay study, annual power consumption for the ID fans associated with the thermal oxidizers is 586 kw per hour for the 120 day crush season. Annual cost at a unit power cost of $0.11/kwh is therefore

586 x 120 x 24 x $0.11 = $185,600 per year
**Cases 4 and 5 – Carbon Adsorption and Water Scrubber**

As in cases 1 and 2 above, only the ID fan power will be considered for these cases. However, these cases do not have to handle the extra 23.6% combustion air. Therefore, the electric power cost for the thermal oxidizer case will be divided by 1.236 to reflect lower flow rates. On this basis, Cases 3, 4 and 5 have an annual power cost of $185,600/1.236 = $150,200 per year (for cases 4 and 5).

**Case 3 – Refrigerated Condenser**

Electric power for this case includes the same ID fan power consumption as Cases 4 and 5 and also requires power for operation of the refrigeration unit. This case requires 1,306 tons of refrigeration for the design case and a utilization factor of 60% will be assumed. Additionally, a coefficient of performance of 3.5 will be assumed for the equipment. Power demand for a 120 day operating season is thus:

\[
60\% \times 1,306/3.5 \times 12,000 \text{ Btu/ton} \times 1 \text{ kW/3,413 Btu} \times 120 \text{ days} \times 24 \text{ hr/day} = 2,267,000 \text{ kWh/year}
\]

At $0.11/kWh, the cost for the refrigeration power is $249,400. Adding $150,200 for ID fan power (calculated above), total power cost for this case is $399,600 per year.

**Water Disposal Cost – applicable to Case 4 and 5 only**

**Case 4 – Water Scrubber**

Water disposal requirements and costs for Case 4 (water scrubber) are taken from the STI Study:

- Water Disposal Required: 6 gpm for each 5000 scfm air flow for 90 day crush season.

- Disposal Cost: $0.25/gallon

Total airflow for all four systems, corrected to subtract the combustion air, is

\[
(16,000 + 22,000 + 13,000 + 13,000)/1.236 = 51,800 \text{ scfm}
\]

Wastewater Rate = 51,800 scfm x 6 gpm/5,000 scf = 62 gpm

Annual wastewater generation = 62 gpm x 90 days x 1,440 minutes/day = 8,035,000 gallons per year

Annual water disposal cost = 8,035,000 gallons x $0.25/gallon = $2,008,800/yr
Case 5 - Carbon Adsorption

Wastewater is generated from the regeneration of the carbon bed. Per the TAD, 11,800 lb steam is required to recover 1 ton of ethanol. Given liquid densities of 8.34 and 6.61 lb/gallon for water and ethanol respectively, the amount of wastewater produced per ton of ethanol recovered is \((11,800/8.34) + (2,000/6.61) = 1,718 \text{ gal/ton ethanol}\).

As calculated in this BACT analysis, the carbon adsorption unit will adsorb 350.62 tons per year of VOC's. Produced wastewater is therefore 350.62 tons \(\times 1,718 \text{ gal/ton} = 602,400 \text{ gallons per year}\).

Disposal cost at $0.25/gal is 602,400 \(\times 0.25 = $150,600 \text{ per year}\).

Carbon Replacement Cost - applicable to Case 5 only

Per the TAD, activated carbon adsorbs 18% of its weight in ethanol. However, with regeneration, approximately 1/3 of the ethanol initially adsorbed stays on the carbon bed. In addition, due to the seasonal operation of a winery, the carbon is expected to have a lifetime of 10 years.

As calculated in this BACT analysis, the carbon adsorption unit will adsorb 350.62 tons per year of VOC’s. Assuming this occurs over a 120 day crush season with three regenerations per day, the amount adsorbed per cycle is \(350.62/(120 \times 3) = 0.97 \text{ tons/cycle} = 1,940 \text{ lb-VOC/cycle}\). Assuming a daily regeneration cycle and allowing for a dual bed for regeneration purposes, the amount of carbon required for the facility is \(2 \times 1,940/(18\% \times .667) = 32,300 \text{ lb carbon}\).

Given a cost of $2/lb for carbon and annualizing the cost over the 10 year life, Carbon Replacement Cost = 0.163 \(\times 2.00 \times 32,300 = $10,500 \text{ per year}\).

Cooling Water Cost – applicable to Case 5 only (carbon adsorption)

Based on values presented in the TAD, the following parameters apply:

Cooling water consumption = 82,600 gallons of cooling water per ton of VOC adsorbed

Cooling Water Unit Cost = $0.53 per 1000 gallons

Given 350.62 tons of VOC adsorbed per year, annual cost for cooling water is

\(82,600 \times 350.62 \times 0.53/1000 = $15,800 \text{ per year}\)
<table>
<thead>
<tr>
<th>Control Device</th>
<th>Case 1 Thermal Ox</th>
<th>Case 2 RTO</th>
<th>Case 3 Refrigerated Cond.</th>
<th>Case 4 Water Scrubber</th>
<th>Case 5 Carbon Adsorption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas</td>
<td>$1,078,000</td>
<td>$53,900</td>
<td>$0</td>
<td>$0</td>
<td>$44,700</td>
</tr>
<tr>
<td>Electricity</td>
<td>$185,600</td>
<td>$185,600</td>
<td>$399,600</td>
<td>$185,600</td>
<td>$185,600</td>
</tr>
<tr>
<td>Water Disposal</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$2,008,800</td>
<td>$150,600</td>
</tr>
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<td>Cooling Water</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$15,800</td>
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<tr>
<td>Carbon Replacement</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$10,500</td>
</tr>
<tr>
<td>Total</td>
<td>$1,263,600</td>
<td>$239,500</td>
<td>$399,600</td>
<td>$2,194,400</td>
<td>$407,200</td>
</tr>
</tbody>
</table>
BACT 5.4.14 Attachment D

Eichleay Drawings
100k Gallon Red Fermenters

200k Gallon Red Fermenters

50k Gallon Red Fermenters

100k Gallon Red Fermenters
**NOTES**

1. RTO DILUTION AIR CONTROLS
   A. ADD COOLING AIR AT 2.30% LEL (9,840 PPM ETHANOL)
   B. ADD COMBUSTION AIR TO MAINTAIN 2-4% OXYGEN IN RTO VAPOR INLET
   C. ADD SUPPLEMENTAL FUEL IF RTO VAPOR INLET IS < 3% LEL (954 PPM ETHANOL)
NOTES

1. Equipment sizes shown are for a typical winery with about 25 million gallons of red fermenter capacity.
2. Drawing is diagramatic only. All valves and instruments required for normal operation are not shown.

TANK TRUCK
50% KOH
(Deliver 1500 gal every 2 weeks)

T-01
2,000 GAL
50% KOH
FRP
(Aprox. 6 ft. dia. x 10' high)

F-01A/B
FRP
(Aprox. 5 ft. dia.)

P-01
TRANSFER PUMP
20 GPM @ 50 ft.
50% KOH
FRP
1 HP

F-01A/B
FRP
(Aprox. 40' x 60' x 2.5' curb)

Concrete Containment
With Coating

P-02
CIP PUMP
300 GPM @ 200 ft.
2% KOH
316SS
25 HP
20 micron

F-02A/B
304SS

HE-02
HEAT EXCH.
---- FT2
316SS TUBES
CS SHELL

TW TS

COND.
PI

DPS

TO WINERY
DIST. PIPING

15 PSI STEAM

2"-GALV. CS
WATER

4"-304LSS

CIPR

FROM WINERY
Appendix F

District FYI 114
Emission factors have been developed to estimate ethanol emissions from wine storage and fermentation tanks.

### Wine Storage Tanks

Table 1 provides both daily and annual emission factors for wine storage tanks storing wine with up to 20 volume % ethanol and for tank sizes ranging from 250 gallons up to 605,000 gallons nominal capacity. Emission factors for tanks storing 100 vol% ethanol are also given. The table is based on typical R4694-compliant wine storage tank operation with a pressure vacuum valve located in Fresno (typical for San Joaquin Valley) and provides separate factors for tank breathing losses and for tank working losses. Breathing losses are a function of both the tank size and the ethanol content and are given as lb-VOC/1000 gallons of tank capacity. Daily breathing losses are based on average daily losses for the month of July. Working losses are only a function of ethanol content and tank throughput (independent of tank size). The working losses are applied to the maximum daily and the maximum annual throughput as applicable. Daily working loss emission factors are based on tank throughput during July as a worst-case potential. Appendix A to this FYI provides a detailed summary of the basis, assumptions and methodology employed to develop Table 1.

Wine storage tanks perform two functions in the winery:

- Facilitation of post-fermentation processing operations such as racking, filtration, malolactic fermentation and bottling. In this role, the typical storage tank is filled and emptied several times per year and functions as a process vessel.

- Storage of wine between processing operations up to the final operation of bottling. In this role, the objective is to avoid oxidation of the wine by both minimizing the wine temperature and the exposure of the wine to air.

Emissions from storage tanks consist of both working losses and breathing losses. The former losses occur as a result of the displacement of the vapor space of the tank into the atmosphere as a result of tank filling operations and is primarily a function of tank throughput and the temperature and ethanol content of the wine. Breathing losses are the result of diurnal heating and cooling caused by the effect of atmospheric conditions on the contents of the tank. For a well-insulated tank, breathing losses will be negligible.
1. MANUAL CIP CYCLE PERFORMED AFTER EACH FERMENTATION BATCH
   A. TWO X 5 MINUTE BURSTS W/CIP (2% KOH @ 140°F)
   B. ONE X 10 MINUTE BURST W/WATER
2. VENT DUCT CIP CYCLE TO BE DONE SIMULTANEOUSLY WITH TANK CIP CYCLE.
3. DUCT SIZE, CIP FLOW AND NUMBER OF NOZZLES VARIES WITH FERMENTER SIZE AND DUCTING LAYOUT.
4. DRAIN FOR FERMENTER DURING FERMENTATION.
5. NOZZLES TO BE REMOVABLE FOR CLEANING AND MAINTENANCE.
### Table 1

**Wine and Brandy Storage Tank Emission Factors**

#### Breathing Loss Emission Factors

<table>
<thead>
<tr>
<th>Nominal Tank Volume (gallons)</th>
<th>8 vol% Ethanol</th>
<th>10 vol% Ethanol</th>
<th>12 vol% Ethanol</th>
<th>14 vol% Ethanol</th>
<th>16 vol% Ethanol</th>
<th>18 vol% Ethanol</th>
<th>20 vol% Ethanol</th>
<th>100 vol% Ethanol</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Daily</td>
<td>Annual</td>
<td>Daily</td>
<td>Annual</td>
<td>Daily</td>
<td>Annual</td>
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<td>4.53</td>
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<td>0.00489</td>
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<td>0.02640</td>
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<td>0.431</td>
<td>0.00283</td>
<td>0.532</td>
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<td>0.638</td>
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<td>0.00282</td>
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<td>0.00339</td>
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<td>0.00226</td>
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<td>0.526</td>
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<td>0.631</td>
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<td>0.00457</td>
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<td>0.980</td>
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</table>

#### Working Loss Emission Factors

<table>
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<th>Annual</th>
</tr>
</thead>
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<tr>
<td></td>
<td>0.158</td>
<td>0.200</td>
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<tr>
<td>0.244</td>
<td>0.289</td>
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</tr>
<tr>
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<td>0.109</td>
<td>0.138</td>
<td>0.170</td>
</tr>
<tr>
<td>0.198</td>
<td>0.230</td>
<td>0.263</td>
</tr>
<tr>
<td>0.297</td>
<td>0.397</td>
<td>1.130</td>
</tr>
</tbody>
</table>
Use of Table I to estimate emissions from a wine storage tank can be demonstrated by examples:

Example 1 (uninsulated tank) – estimate the daily and annual potential to emit for an uninsulated 100,000 gallon nominal capacity steel storage tank to store wine with 14 vol% ethanol. Maximum daily throughput is 100,000 gallons. Maximum annual throughput will be 600,000 gallons per year.

Since the table provides breathing loss emission factors for 105,000 gallons and 45,000 gallons, breathing loss emission factors must be interpolated from the table for 14% ethanol as follows:

Interpolated breathing loss factors: Daily 0.00328 (for 100,000 gallon tank) (lb-VOC/1000 gallons tank capacity) Annual 0.619 (for 100,000 gallon tank)

The working loss factors are a function of ethanol content only and may be taken directly from the table as follows:

Working loss emission factors: Daily 0.289 (lb-VOC/1000 gallons tank throughput) Annual 0.198

Daily PE consists of the sum of the daily working and the daily breathing losses:

Daily PE\textsubscript{working} = 100,000 gallons/day \times 0.289 \text{lb-VOC}/1000 \text{gallons} = 28.9 \text{lb-VOC/day}

Daily PE\textsubscript{breathing} = 100,000 gallons/day \times 0.00328 \text{lb-VOC}/1000 \text{gallons} = 0.3 \text{lb-VOC/day}

Daily PE = Daily PE\textsubscript{working} + Daily PE\textsubscript{breathing} = 28.9 + 0.3 = 29.2 \text{lb-VOC/day}

Annual PE consists of the sum of the annual working and the annual breathing losses:

Annual PE\textsubscript{working} = 600,000 gallons/year \times 0.198 \text{lb-VOC}/1000 \text{gallons} = 119 \text{lb-VOC/year}

Annual PE\textsubscript{breathing} = 100,000 gallons/day \times 0.619 \text{lb-VOC}/1000 \text{gallons} = 62 \text{lb-VOC/day}

Annual PE = Annual PE\textsubscript{working} + Annual PE\textsubscript{breathing} = 119 + 62 = 181 \text{lb-VOC/year}

DEL conditions for this example would be:

- **Ethanol content of wine in this tank shall not exceed 13.9 percent by volume.** [District Rule 2201]

- **Tank throughput shall not exceed either of the following limits: 100,000 gallons in any one day or 600,000 gallons per year.** [District Rule 2201]

Example 2 (insulated tank) – same tank and conditions except the tank is insulated.

For insulated tanks, breathing losses can be assumed to be negligible. Therefore,

Daily PE\textsubscript{breathing} = Annual PE\textsubscript{breathing} = 0

And,
FYI 114

Daily PE = Daily PE\textsubscript{working} = 28.9 lb-VOC/day
Annual PE = Annual PE\textsubscript{working} = 119 lb-VOC/year

DEL conditions will be the same as example 1. However, the equipment description should indicate that the tank is insulated.

**Example 3 (insulated tank)** - same tank as example 2 except there will be no DEL condition for maximum ethanol %

An ethanol content of 20% is a maximum for wine storage. Therefore, use of the 20% emission factors allows deletion of the DEL condition limiting wine ethanol content. Since the tank is insulated there are no breathing losses. Working loss factors for 20% ethanol are:

Working loss emission factors: Daily 0.432
(lb-VOC/1000 gallons tank throughput) Annual 0.297

Daily PE\textsubscript{working} = 100,000 gallons/day x 0.432 lb-VOC/1000 gallons = 43.2 lb-VOC/day
Annual PE\textsubscript{working} = 600,000 gallons/year x 0.297 lb-VOC/1000 gallons = 178 lb-VOC/year

Daily PE = Daily PE\textsubscript{working} = 43.2 lb-VOC/day
Annual PE = Annual PE\textsubscript{working} = 178 lb-VOC/year

DEL condition for this example would be:

- Tank throughput shall not exceed either of the following limits: 100,000 gallons in any one day or 600,000 gallons per year. [District Rule 2201]

The equipment description should indicate that the tank is insulated.

**Wine Fermentation Tanks**

During the wine fermentation process, sugar in the grape juice reacts with yeast to form alcohol (ethanol) and carbon dioxide (CO\textsubscript{2}) gas. Ethanol is emitted into the atmosphere through evaporation. According to Williams and Boulton\textsuperscript{1}, the only important mechanism for ethanol loss is equilibrium evaporation into the escaping CO\textsubscript{2} stream. The physical entrainment of ethanol droplets in the CO\textsubscript{2} gas is insignificant in modern enclosed fermentation vessels. These researchers' model indicates that as fermentation temperature increases, ethanol loss increases exponentially. Since red wines are fermented at significantly higher temperatures than white wine, a different emission factor is required for each case.

Annual Fermentation Emission Factors

The California Air Resources Board (CARB) has established annual emission factors for fermentation of both red and white wines, based on the computer model developed by Williams and Boulton. The emission factors were developed for purposes of emission inventory estimation and represent a typical wine fermentation operation based on average fermentation temperatures and average initial sugar concentrations (°Brix) and are presented in Emissions Inventory Procedural Manual, Section 5.1, Air Resources Board, 1997. These factors have been adopted by the District in Rule 4694, Wine Fermentation and Storage Tanks. The established factors are as follows:

Red Wine Fermentation: 6.2 lb-VOC/1000 gallons fermented per year
(78 °F fermentation temperature, 21.8 °Brix)

White Wine Fermentation: 2.5 lb-VOC/1000 gallons fermented per year
(58 °F fermentation temperature, 20.4 °Brix)

Daily Fermentation Emission Factors

The District has developed factors for daily Potential to Emit using the previously-referenced research by Williams and Boulton (see Appendix B). To ensure the factors represent true Potential to Emit, the daily emission factors were developed based on typical maximum fermentation temperatures and starting sugar concentrations rather than average values:

Red Wine Fermentation: 3.46 lb-VOC/1000 gallons tank capacity per day
(85 °F fermentation temperature, 22.5 °Brix)

White Wine Fermentation: 1.62 lb-VOC/1000 gallons tank capacity per day
(70 °F fermentation temperature, 22.5 °Brix)

Example 4 (fermentation tank) - estimate the daily and annual potential to emit for a 200,000 gallon nominal capacity fermentation tank to exclusively ferment red wine. Maximum fermentation throughput will be 900,000 gallons red wine per year. The tank will not be used for storage.

\[
\text{Daily PE}_{\text{fermentation}} = 3.46 \text{ lb-VOC/day per 1000 gallons nominal tank capacity} \times 200 \text{ Mgal nominal}
\]
\[
\text{Daily PE}_{\text{fermentation}} = 692.1 \text{ lb/day}
\]
\[
\text{Daily PE} = \text{Daily PE}_{\text{fermentation}} = 692.1 \text{ lb/day}
\]
\[
\text{Annual PE} = 6.2 \text{ lb-VOC per 1000 gallons fermented} \times 900 \text{ Mgal/year} = 5,580 \text{ lb-VOC/yr}
\]

Example 5 (fermentation and storage tank) - estimate the daily and annual potential to emit for a 100,000 gallon nominal capacity fermentation tank to ferment red wine. Maximum fermentation throughput will be 450,000 gallons red wine per year. The tank will also be used for storage identical with example 1:
In this case,

\[ \text{Daily PE} = \text{the larger of either Daily } \text{PE}_{\text{fermentation}} \text{ or Daily } \text{PE}_{\text{storage}} \]

And,

\[ \text{Annual PE} = \text{Annual } \text{PE}_{\text{fermentation}} + \text{Annual } \text{PE}_{\text{storage}} \]

Calculating the Daily PE:

\[
\text{Daily } \text{PE}_{\text{fermentation}} = 3.46 \text{ lb-VOC/day per 1000 gallons nominal tank capacity x 100 Mgal nominal} \\
\text{Daily } \text{PE}_{\text{fermentation}} = 346.0 \text{ lb-VOC/day}
\]

From example 2,

\[
\text{Daily } \text{PE}_{\text{storage}} = 28.9 \text{ lb-VOC/day}
\]

Therefore,

\[
\text{Daily PE} = 346.0 \text{ lb/day}
\]

Calculating the Annual PE:

\[
\text{Annual } \text{PE}_{\text{fermentation}} = 6.2 \text{ lb-VOC per 1000 gallons fermented x 450 Mgal/year} = 2,790 \text{ lb-VOC/yr}
\]

From example 2,

\[
\text{Annual } \text{PE}_{\text{storage}} = 119 \text{ lb-VOC/year}
\]

Therefore,

\[
\text{Annual PE} = 2,790 + 119 = 2,909 \text{ lb/year}
\]
Appendix A (FYI 114)

Basis, Assumptions and Methodology Employed to Develop Table 1
Appendix A

VOC's are emitted from wine handling and storage operations as volatilized ethanol. Wine is produced in the San Joaquin Valley by fermentation during the “crush” season, an approximate 12 week period coinciding with the grape harvest (late August to mid-November). Subsequently, the wine is transferred a number of times between storage tanks to perform various polishing operations such as “racking” (decantation for separation of sediment), filtration, malolactic fermentation (breakdown of malic acid to lactic acid and carbon dioxide), and bottling operations. Since the bottling process is a year-round operation, each batch of wine will have a definite residence time in storage, prior to bottling, which includes the time spent in performing the various post-fermentation polishing processes. The post-fermentation polishing operations result in “working losses” from the storage tanks since they require draining and filling the tanks several times. Storage prior to bottling generates “breathing losses” from the tanks.

Since ethanol in water constitutes an organic liquid, the TANKS program can be utilized to determine the estimated VOC (ethanol) emissions. However, obtaining accurate results from the TANKS program requires that the organic liquid be accurately characterized in terms of vapor pressure of the liquid and the composition of the equilibrium vapor phase. Since ethanol and water are highly polar compounds, they form a non-ideal mixture, i.e., the mixture does not follow Raoult’s law, and, as a result, direct estimation of vapor pressure and equilibrium vapor phase concentration, based only on pure component vapor pressures, is not practical and experimental data are required.

In order to effectively utilize TANKS to estimate VOC emissions from wine storage, experimental data supplied by the Wine Institute for the vapor pressure of ethanol over wine can be utilized, along with the assumption that water will behave ideally (a good assumption since the liquid phase is over 95% water on a molar basis).

Use of the above approach and the data supplied the Wine Institute to calculate storage tank emissions is demonstrated in the following:

**Emission Factor Calculation for Wine Storage Tanks**

**General Calculation Procedure:**

- Characterize wine in terms of molecular weight of liquid and vapor phase and the total vapor pressure over wine.
- Input data, along with tank parameters into Tanks 4.0. Output from Tanks 4.0 is total vapor phase emissions (including water) in lb/year.
- Back calculate ethanol emissions from vapor phase ethanol concentration.

**Assumptions:**

- The ethanol (EtOH) concentration of wine is 8 to 20 volume %. For demonstration, a concentration of 14 volume % will be assumed.
- A storage tank located in Fresno will be considered to be representative of any San Joaquin Valley location.
Appendix A

- One gallon of ethanol (EtOH) at 60 °F weighs 6.6097 lb (27 CFR 30, Table No. 5, Gauging Manual for the Alcohol and Tobacco Tax and Trade Bureau, U. S. Dept. of the Treasury).
- 100 gallons of 14 vol% wine contains 14 gallons of ethanol and 87.1 gallons of water (27 CFR 30, Table No. 5, Gauging Manual for the Alcohol and Tobacco Tax and Trade Bureau, U. S. Dept. of the Treasury).
- Density of water is 8.34 lb/gal.
- Partial pressure of ethanol over wine is given in the attached table provided by the Wine Institute (Attachment I).
- Water behaves ideally according to Raoult's Law, i.e., partial pressure of water in the vapor phase is the product of the liquid phase water mole fraction and the vapor pressure of pure water at the system temperature.
- The storage tank is equipped with a pressure/vacuum valve.
- The molecular weights of ethanol and water are 46.02 and 18.02 respectively.
- Tank height to diameter ratio is 1.3 (typical).
- Tanks are dome-roof configuration.
- Tanks are equipped with a pressure/vacuum valve.
- Tanks are filled to 98% of the tank height (industry practice to minimize air contact with wine).
- TANKS 4.0 defaults are used for all other data.

Calculations:

1. Calculate molar fractions and average molecular weights for liquid and vapor phases:

   **Liquid Phase Molecular Weight (calculation basis 100 gallons of 14 vol% wine)**

   Lb-mols EtOH = 100 gal wine x 14 gal EtOH/100 gal wine x 6.61 lb EtOH/gal
               EtOH x 1 mol EtOH/46.02 lb EtOH

   Lb-mols EtOH = 2.01 lb-mols EtOH

   Lb-mols H2O = 100 gal wine x 87.1 gal H2O/100 gal wine x 8.34 lb H2O/gal H2O
                  x 1 mol H2O/18.02 lb H2O

   Lb-mols H2O = 40.31 lb-mols H2O

   Total Mols in 100 gal wine = 2.01 + 40.31 = 42.32 mols

   \[ x_a = \text{liquid mol fraction EtOH} = \frac{2.01}{42.32} = 0.0475 \]

   \[ x_w = \text{liquid mol fraction H2O} = \frac{40.31}{42.32} = 0.9525 \]

   Average Molecular weight of liquid = \( (0.0475 \times 46.02) + (0.9525 \times 18.02) \)

   = 19.35
Appendix A

Vapor Phase Molecular Weight and Total Vapor Pressure Over Wine

Total vapor pressure over wine is the sum of the partial pressure of EtOH plus the partial pressure of water:

\[
\text{Total Pressure } (P_t) = \text{Partial Pressure EtOH } (P_a) + \text{Partial Pressure Water } (P_w)
\]

\(P_a\) is taken from Attachment I for 14 vol% wine.

\[
P_w = \text{Liquid Mol Fraction Water } \times \text{Vapor Pressure Pure Water at System Temperature } (VP_w)
\]

or,

\[
P_w = 0.959 \times VP_w, \text{ where } VP_w \text{ is taken from } \text{The Steam Tables, J. Keenan et al.}
\]

The mol fraction EtOH in the vapor phase is then calculated as:

\[
y_a = \frac{P_a}{P_t}.
\]

and the average molecular weight (AMW) of the vapor phase is then calculated as:

\[
\text{AMW} = (y_a \times \text{Molecular Weight EtOH}) + ((1- y_a) \times \text{Molecular Weight Water})
\]

\[
= (y_a \times 46.02) + ((1- y_a) \times 18.02)
\]

Performing the above calculations for temperatures ranging from 40 to 100 °F yields the following table of results:

<table>
<thead>
<tr>
<th>°F</th>
<th>(P_a) (in wine) psia</th>
<th>(P_w) psia</th>
<th>(P_t) (wine) psia</th>
<th>(y_a)</th>
<th>AMW</th>
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</thead>
<tbody>
<tr>
<td>40</td>
<td>0.0548</td>
<td>0.1158</td>
<td>0.1698</td>
<td>0.3228</td>
<td>27.06</td>
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<tr>
<td>50</td>
<td>0.0792</td>
<td>0.1695</td>
<td>0.2474</td>
<td>0.3201</td>
<td>26.98</td>
</tr>
<tr>
<td>60</td>
<td>0.1129</td>
<td>0.2441</td>
<td>0.3551</td>
<td>0.3179</td>
<td>26.92</td>
</tr>
<tr>
<td>70</td>
<td>0.1587</td>
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<td>0.5019</td>
<td>0.3162</td>
<td>26.87</td>
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<td>80</td>
<td>0.2203</td>
<td>0.4832</td>
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<td>0.3149</td>
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</tr>
<tr>
<td>90</td>
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<td>0.9626</td>
<td>0.3140</td>
<td>26.81</td>
</tr>
<tr>
<td>100</td>
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<td>0.9052</td>
<td>1.3081</td>
<td>0.3135</td>
<td>26.80</td>
</tr>
</tbody>
</table>

Properties at 65 °F will be used to establish the average molecular weight of the vapor phase since this is near the average annual temperature for Fresno. Interpolating from
Appendix A

above, the vapor phase is characterized by an EtOH mol fraction of 0.3171 and an average molecular weight of 26.90 per the calculations above.

2. **Calculate Expected Vapor Emissions Via Tanks 4.0 based on the above characterization:**

Input total vapor pressure for 14 vol% wine (from table above), and the average molecular weights for vapor and liquid determined above, into TANKS 4.0 (chemical database). To demonstrate a tank simulation and the manner in which the emission factors of Table 1 were generated, the following tank configuration will be input into TANKS 4.0 for a nominal tank capacity of 25,000 gallons::

<table>
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<th>Tank Diameter:</th>
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<td>Tank Height:</td>
<td>19.79 feet</td>
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<tr>
<td>Tank Fill Height:</td>
<td>19.39 feet (normal and maximum)</td>
</tr>
<tr>
<td>Working Capacity:</td>
<td>24,481 gallons</td>
</tr>
<tr>
<td>Tank Throughput:</td>
<td>24,481 gallons (1 turnover)</td>
</tr>
</tbody>
</table>

Simulating this tank with 14 vol% ethanol by distributing the annual throughput evenly over all 12 months and selecting a detailed annual report, the simulation results indicate the following:

- Annual Working Losses: 8.96 lb-vapor
- Annual Breathing Losses: 28.78 lb-vapor
- Monthly Working Loss for July: 1.0860 lb-vapor
- Monthly Breathing Loss for July: 4.7477 lb-vapor

3. **Back-calculate the EtOH emissions and the Emission Factors:**

The ethanol content of the vapors are calculated based on the average molecular weight of the vapors and the mole fraction of ethanol in the vapor as follows:

\[
\text{EtOH} \% \text{ in Vapor} = \frac{1 \text{ lb-vapor} \times 1 \text{ mol-vapor}}{26.90 \text{ lb-vapor} \times 0.3171 \text{ mol-EtOH/mol-vapor}} \times 46.02 \text{ lb-EtOH/mol-EtOH}
\]

\[
\text{EtOH} \% \text{ in Vapor} = 54.25\% \text{ by weight}
\]

_annual working losses_ are strictly a function of the tank throughput and the ethanol content of the stored material. The annual ethanol working losses and emission factors can be calculated as:

\[
\text{Annual Working Losses} = 8.96 \times 54.25\% = 4.86 \text{ lb-EtOH/yr}
\]

\[
\text{Annual Working Loss Emission Factor @ 14\% EtOH} = \frac{\text{working loss}}{\text{tank throughput}}
\]

\[
\text{Annual Working Loss Emission Factor @ 14\% EtOH} = \frac{4.86}{24,481} = 0.198 \text{ lb-EtOH/1000 gal throughput}
\]

_annual breathing losses_ are a function of both the tank size and the ethanol content of the stored material. The annual ethanol breathing losses and emission factors can be calculated as:
Appendix A

Annual Breathing Losses = 28.78 x 54.25% = 15.61 lb-EtOH/yr
Annual Breathing Loss Emission Factor @ 14% EtOH = breathing loss/tank working capacity
Annual Working Loss Emission Factor @ 14% EtOH = 15.61/24,481 = 0.638 lb-EtOH/1000 gal capacity

**Daily working losses** are proportional to the daily tank throughput at a given ethanol percentage. Since the TANK 4.0 output is for the entire month of July (month of highest emissions) based on evenly distributing the annual throughput in each month of the year, tank throughput for July is 24,481 gallons/12 = 2,040 gallons.

Monthly Working Loss for July = 1.0860 lb-vapor x 54.25% = 0.589 lb-EtOH

The average monthly working loss emission factor for July is assumed to be the maximum daily emission factor. Therefore:

Daily Working Loss Emission Factor @ 14% EtOH = working loss/tank throughput
Daily Working Loss Emission Factor @ 14% EtOH = 0.589/2,040 gal = 0.2888 lb-EtOH/1000 gal throughput

**Daily breathing losses** are equal to the monthly loss for July divided by 31. Therefore,

Daily Breathing Loss = 4.7477 lb-vapor x 54.25% EtOH/31 = 0.0831 lb-EtOH
Daily Breathing Loss Emission Factor @ 14% EtOH = breathing loss/tank capacity
Daily Breathing Loss Emission Factor @ 14% EtOH = 0.831/24,481 gal = 0.0339 lb-EtOH/1000 gal capacity
Appendix B (FYI 114)

Daily Emission Factor for Wine Fermentation
Appendix B

The emission factor for daily PE is based on the following:

- Estimation of maximum daily fermentation emissions is based on Figure 7 from the Williams and Boulton work referenced in the body of this document.
- Maximum red wine fermentation temperature is assumed to be 85°F.
- Maximum white wine fermentation temperature is assumed to be 70°F.
- Maximum working capacity of a red wine fermenter is 80% of tank maximum capacity.
- Maximum working capacity of a white wine fermenter is 95% of tank maximum capacity.

Figure 7 from Williams and Boulton indicates the ethanol emission rate (mg per hour per liter of wine) versus time for various fermentation temperatures. The total emissions in mg per liter of wine for any time period is the area under the curve. Thus, for any given temperature, figure 7 can be graphically integrated over the 24 hour period during which maximum emissions occur. A copy of figure 7 is attached which indicates the integration interval for red wine (85°F) and for white wine (70°F). Results of integration of Figure 7 are presented in the following table:

| Graphical Integration Results to Determine Daily Fermentation Emission Factor from Figure 7 of Williams and Boulton |
|--------------------------------------------------|-----------------|-----------------|
| Maximum 24 hour Emissions (mg/liter of wine per day) | 518.6           | 203.9           |
| Maximum 24 hour Emissions (lb/1000 gallons of wine per day) | 4.33            | 1.70            |
| Maximum Batch Size (% of Tank Capacity)            | 80%             | 95%             |
| Daily Emission Factor (lb/1000 gallons tank capacity per day) | 3.46            | 1.62            |
Appendix B

Fig. 7. The influence of fermentation temperature on a) the fermentation rate, b) the vapor phase ethanol concentration, and c) the rate of ethanol emission. (Initial sugar content of 22.5°Brix, isothermal fermentation at indicated temperature.)
Fig. 7. The influence of fermentation temperature on a) the fermentation rate, b) the vapor phase ethanol concentration, and c) the rate of ethanol emission. (Initial sugar content of 22.5°Brix, isothermal fermentation at indicated temperature.)
Appendix G

Post Project Fermentation Emission Potential (PE*)
Determination of Post Project Fermentation Emission Potential (PE*)

Post Project Basis:
- Red Fermentation Capacity: 32,381,947
- White Fermentation Capacity: 32,433,547
- Total Tank Capacity: 32,433,547
- All other basis as stated in Section VII.C.1 & 2

The combined post project emission potential for fermentation for this facility's wine fermentation operation is determined in the following sequence of calculations:

1. Potential fermentation emissions from a 100% white wine production scenario are first determined:

   White wine production capacity is determined as the lesser of the production capacities of either the crushing or pressing equipment or wine fermentation tanks at the facility:

   \[ W_W = \text{White wine production capacity (gallons per year as measured immediately after pressing)} \]

   is the lesser of the following four calculations:

   \[ W_1 = C \times D_w \times M \] (limited by crusher capacity)

   \[ W_2 = P \times D_w \times M \] (limited by pressing capacity)

   \[ W_3 = \frac{V_{FW} \times F_w \times D_w}{W_{FW}} \] (limited by white fermenter volume)

   \[ W_4 = \frac{V_T \times D_w}{R_{TW}} \] (limited by overall tank processing)

   where,

   \[ C = \text{grape crushing capacity} = 10,368 \text{ tons/day} \]

   \[ D_w = \text{days in a white wine crush season} = 120 \text{ days} \]

   \[ F_w = \text{Fill factor for white wine fermentation} = 95\% \]

   \[ M = \text{gallons of grape juice produced per ton of grapes} = 200 \text{ gallons/ton} \]

   \[ P = \text{pressing capacity} = 14,740 \text{ tons per day} \]

   \[ W_{FW} = \text{White fermentation period} = 10 \text{ days} \]

   \[ R_{TW} = \text{Total winery retention time for white wine, } 40 + 10 = 50 \text{ days} \]

   \[ V_{FW} = \text{total volume of white wine fermenters} = 32,433,547 \text{ gallons} \]

   \[ V_T = \text{Total Winery Cooperage (gal)} = 32,433,547 \text{ gallons} \]

Potential white wine fermentation emissions are then determined by applying the white fermentation emission factor stated in FYI-114:

\[ PE_{\text{white fermentation}} = E_{fw} \times W_W \]

\[ E_{fw} = \text{white wine emission factor} = 2.5 \text{ lb-VOC/1000 gal} \]

Performing the above calculations yields:

\[ W_1 = 248.8 \text{ MG/year (million gals/year)} \]

\[ W_2 = 353.8 \text{ MG/year} \]

\[ W_3 = 369.7 \text{ MG/year} \]

\[ W_4 = 77.8 \text{ MG/year} \]
Selecting \( W_W = W_4 = 77.8 \text{ MG/year} \) and applying the emission factor for white wine fermentation yields:

\[ PE_{\text{whitefermentation}} = 194,601 \text{ lb-VOC/year} \]

2. Potential fermentation emissions from a 100% red wine production scenario are then calculated:

Red wine production capacity is determined as the lesser of the production capacities of either the crushing, pressing or tankage.

\( W_R = \) Red wine production capacity (gallons per year as measured immediately after pressing) and is the lesser of the following four calculations:

\[
\begin{align*}
W_1 &= C \times D_r \times M \quad (\text{limited by crusher capacity}) \\
W_2 &= P \times D_r \times M \quad (\text{limited by pressing capacity}) \\
W_3 &= \frac{(V_{FR} \times F_R \times D_r)}{R_{FR}} \quad (\text{limited by red fermenter volume}) \\
W_4 &= \frac{(V_T \times D_r)}{R_{TS}} \quad (\text{limited by overall tank processing})
\end{align*}
\]

\[ C = \text{grape crushing capacity} = 10,368 \text{ tons/day} \]
\[ D_r = \text{days in a red wine crush season} = 120 \text{ days} \]
\[ F_R = \text{Fill factor for red wine fermentation} = 80\% \]
\[ M = \text{gallons of grape juice produced per ton of grapes} = 200 \text{ gallons/ton} \]
\[ P = \text{pressing capacity} = 14,740 \text{ tons per day} \]
\[ R_{FR} = \text{Red fermentation period} = 5 \text{ days} \]
\[ R_{TS} = \text{Total winery retention time for red wine, 40 + 5 = 45 days} \]
\[ V_{FR} = \text{total volume of red wine fermenters} = 32,381,947 \text{ gallons} \]
\[ V_T = \text{Total Winery Cooperage} = 32,433,547 \text{ gallons} \]

Potential red wine fermentation emissions are then determined by applying the red fermentation emission factor stated above.

\[ PE_{\text{redfermentation}} = E_{fr} \times W/1,000 \]

\[ E_{fr} = \text{red wine emission factor} = 6.2 \text{ lb-VOC/1000 gal (District Rule 4694)} \]

Performing the above calculations yields

\[ W_1 = 248.8 \text{ MG/year (million gals/year)} \]
\[ W_2 = 353.8 \text{ MG/year} \]
\[ W_3 = 621.7 \text{ MG/year} \]
\[ W_4 = 86.5 \text{ MG/year} \]

Selecting \( W_R = W_4 = 86.5 \text{ MG/year} \) and applying the emission factor for red wine fermentation yields:

\[ PE_{\text{redfermentation}} = 536,235 \text{ lb-VOC/year} \]
3. The facility's PE for fermentation operations is then taken to be the greater of either the white or red PE's determined above.

\[ PE_{\text{fermentation}} = \text{greater of } PE_{\text{whitefermentation}} \text{ and } PE_{\text{redfermentation}} \]

\[ PE_{\text{fermentation}} = PE_{\text{redfermentation}} \]

\[ PE_{\text{fermentation}} = 536,235 \text{ lb-VOC/year} \]
Appendix H

Compliance Certification Letter
July 7, 2010

Mr. Derek Fakuda
San Joaquin Valley Air Pollution Control District
1990 E. Gettysburg Ave.
Fresno, CA 93726-0244

Re: O'Neill Beverage Co., LLC

Dear Mr. Fakuda:

This letter is to inform the San Joaquin Valley Air Pollution Control District that O'Neill Beverage Co., LLC dba O'Neill Vintners & Distillers, as of July 7, 2010, operates no other facilities in California that would be deemed a major emission source other than the facility located at 8418 S. Lac Jac Avenue in Parlier, California.

Sincerely,

Matthew S. Towers
Chief Operating Officer
O'Neill Vintners & Distillers
Appendix I

District FYI 260
Date: June 9, 2010

To: Permit Services Staff

From: Arnaud Marjollet
Permit Services Manager

Subject: Greenhouse Gas Emissions from Wine Fermentation Processes

This FYI establishes that for the purpose of calculating potential increases in greenhouse gas (GHG) emissions, CO₂ emissions from wine fermentation processes are considered carbon neutral and are not included when calculating project specific GHG emissions.

Applicability

This FYI applies whenever calculating GHG emissions from project specific emissions from wine fermentation and storage tanks.

Background

Terrestrial carbon sequestration is the process through which carbon dioxide (CO₂) from the atmosphere is absorbed by trees, plants and crops through photosynthesis, and stored as carbon in biomass (tree trunks, branches, foliage and roots) and soils. The term "sinks" is also used to refer to forests, croplands, and grazing lands, and their ability to sequester carbon. Agriculture and forestry activities can also release CO₂ to the atmosphere. Therefore, a carbon sink occurs when carbon sequestration is greater than carbon releases over some time period.

Grape vines sequester CO₂ from the atmosphere to produce biomass, including grapes. Much of the CO₂ sequestered in grapes is in the form of glucose, which has a molecular weight of 180.16 g mol⁻¹. CO₂ has a molecular weight of 44.01 g mol⁻¹. Fermentation yields two molecules of CO₂ per each molecule of glucose, resulting in a conversion ratio of 48.86 percent, by weight. While these emissions are real, the amounts of carbon remaining sequestered in biomass and residual sugars in wine result in an overall long-term carbon balance which is considered to be a carbon sink.

Furthermore, CO₂ emissions resulting from fermentation processes and CO₂ emissions released when grape biomass decays at a future date originates from atmospheric CO₂ which was absorbed by grape vines through photosynthesis. The, re-release of this short-term sequestered CO₂ into the atmosphere would not result in an overall increase in atmospheric CO₂. Thus, these biogenic CO₂ emissions are considered to be carbon neutral.
Appendix J

Draft ATC’s
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-333-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
            PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0290) WITH PRESSURE/VACUUM VALVE
AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: ADD THE ABILITY TO USE TANK FOR WINE
FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
   procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
   the equipment authorized by ATC C-629-333-1. [District Rule 2201]
3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382
   shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
   equation: EF = $1.705259 \times P^{0.090407}$; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of
   wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382
   shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in
   each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified
   within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank
   capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-333-2 · Jul 16, 2010 12:25 PM – PUBLISHED · Just inspection not received
Central Regional Office · 1990 E. Gettysburg Ave. · Fresno, CA 93726 · (559) 230-5900 · Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-334-2

LEGAL OWNER OR OPERATOR: O’NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0291) WITH PRESSURE/VACUUM VALVE
AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: ADD THE ABILITY TO USE TANK FOR WINE
FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-334-1. [District Rule 220]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 220]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 220]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 220]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 220]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-335-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0292) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. [1829] The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-335-1. [District Rule 2201]

3. [98] No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director RPCO

DAVID WARNER, Director of Permit Services
C-629-335-2 / Jul 10 2010 12:24PM - FPLETED / Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 2. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-336-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0293) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-336-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-336-2  Jul 10 2018 12:34PM - FUKUDAD : Joint Inspection NOT Required
Central Regional Office • 1980 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-337-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                  PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0294) WITH PRESSURE/VACUUM VALVE
AND INSTALLED IN A CLIMATE CONTROLLED BUILDING. ADD THE ABILITY TO USE TANK FOR WINE
FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
   procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
   the equipment authorized by ATC C-629-337-1. [District Rule 220-1]
3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382
   shall not exceed 8,991 pounds per year. [District Rule 220-1]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
   equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of
   wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 220-1]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382
   shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in
   each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified
   within this permit. [District Rule 220-1]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank
   capacity. [District Rule 220-1]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-337-2: Jul 19 2010 12:24PM - FUKUDAD: Jnt Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-338-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 6,500 GALLON STEEL WINE STORAGE TANK (TANK #R0295) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING. ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-338-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-338-2 Jul 18 2010 12:25PM - FUKUADO: Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 31,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-339-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0622) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-339-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-339-2
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-340-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0623) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-340-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
C-629-340-2: Jul 10 2016 12:39PM – FUKUDA • Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-341-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                    PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
             PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0624) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-341-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-342-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 196,000 GALLON STEEL WINE STORAGE TANK (TANK #R0625) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-342-1. [District Rule 2201] 

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-343-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 86,780 GALLON STEEL WINE STORAGE TANK (TANK#R2035) WITH PRESSURE/VACUUM VALVE AND INSULATION. ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-343-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director APCO
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-344-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 86,780 GALLON STEEL WINE STORAGE TANK (TANK#R2036) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-344-1. [District Rule 220]

3. {98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 220]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 220]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 220]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 220]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-345-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 86,780 GALLON STEEL WINE STORAGE TANK (TANK #R2037) WITH PRESSURE/VACUUM VALVE AND INSULATION; ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-345-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-346-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 86,780 GALLON STEEL WINE STORAGE TANK (TANK #R2038) WITH PRESSURE/VACUUM
VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE
EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
the equipment authorized by ATC C-629-346-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382
shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of
wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382
shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in
each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified
within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank
capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadrein, Executive Director/ APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-347-2
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 86,780 GALLON STEEL WINE STORAGE TANK (TANK #R2039) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-347-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: $EF = 1.705259 \times P^{1.090407}$; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-347-2: Jul 18 2010 12:21PM - FUKUDAS: Joint Implementation NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-348-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
               PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
             PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 86,780 GALLON STEEL WINE STORAGE TANK (TANK #R2040) WITH PRESSURE/VACUUM
VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE
EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
   procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
   the equipment authorized by ATC C-629-348-1. [District Rule 220]
3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382
   shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
   equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of
   wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382
   shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in
   each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified
   within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank
   capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-348-2 | Jul 18 2010 12:25PM - FUKUDAJ: Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-349-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3030) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-349-1. [District Rule 2201]

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-349-2 ; Jul 16 2010 12:26PM - FUKUDAD : Joint Inspection NOT Required

Central Regional Office • 1990 E. gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-350-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3031) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING; ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-350-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P*0.990407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-350-2: Jul 19 2010 12:26PM - FUMUAD: Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-351-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3032) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-351-1. [District Rule 2201]
3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{0.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER: Director of Permit Services
C-629-351-2: Jul 18 2010 12:35PM - FUKUDA - Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-352-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3033) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-352-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{0.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-353-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3034) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING. ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-353-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-354-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3035) WITH PRESSURE/VACUUM
VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING. ADD THE ABILITY TO USE TANK FOR WINE
FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
   procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
   the equipment authorized by ATC C-629-354-1. [District Rule 2201]
3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382
   shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
   equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of
   wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382
   shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in
   each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified
   within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank
   capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
C-629-354-2: Jul 10 2010 3:25PM – FUKUDAD : Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-355-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3036) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-355-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P*1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-355-2; Jul 10 2010 12:26PM - FUKUOYA: Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-356-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3037) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING. ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-356-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO
Conditions for C-629-356-2 (continued)

8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-357-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3038) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING; ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-357-1. [District Rule 2201]

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 \* P\(^{-0.090407}\); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-357-2: Jul 18 2010 12:29PM - FUKUDAO: Joint Inspection NOT Received
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-358-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 13,300 GALLON STEEL WINE STORAGE TANK (TANK #R3039) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-358-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 \* P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P. is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-358-2 \_ Jul 16 2018 12:39PM \_ FUK 90D : Joint Inspection NOT Required

Central Regional Office \_ 1990 E. Gettysburg Ave. \_ Fresno, CA 93726 \_ (559) 230-5900 \_ Fax (559) 230-5061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-359-2
LEGAL OWNER OR OPERATOR: O‘NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 45,226 GALLON STEEL WINE STORAGE TANK (TANK #R2006) WITH PRESSURE/VACUUM VALVE AND INSULATION; ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-359-1. [District Rule 2201]
3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Directory RPCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-360-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                      PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF MODIFICATION OF 45,226 GALLON STEEL WINE STORAGE TANK (TANK #R2007) WITH
PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND
INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
   procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup
   of the equipment authorized by ATC C-629-360-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382
   shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
   equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of
   wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382
   shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred
   in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified
   within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank
   capacity. [District Rule 2201]


YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.

Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-360-2  Jul 16 2010 12:27PM -- FUKUNAGA : Just inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley  
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-361-2  
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC  
MAILING ADDRESS: 8418 S LAC JAC AVE  
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE  
PARLIER, CA 93648

EQUIPMENT DESCRIPTION: MODIFICATION OF MODIFICATION OF 45,226 GALLON STEEL WINE STORAGE TANK (TANK #R2008) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-361-1. [District Rule 2201]

3. (38) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1900 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-362-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 45,226 GALLON STEEL WINE STORAGE TANK (TANK #R2009) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-362-1. [District Rule 2201]
3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Directory APCO

DAVID WARNER, Director of Permit Services
C-629-362-2 Jul 19 2010 12:23PM - FIREDAD : Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
Authority to Construct

PERMIT NO: C-629-363-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 45,226 GALLON STEEL WINE STORAGE TANK (TANK #R2010) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-363-1. [District Rule 2201]

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley  
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-364-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE  
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE  
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 45,226 GALLON STEEL WINE STORAGE TANK (TANK #R2011) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-364-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{0.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director APCO

David Warner, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 135,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-365-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 120,000 GALLON STEEL WINE STORAGE TANK (TANK #R2021) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-365-1. [District Rule 2201]

3. {98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 363,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-366-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 120,000 GALLON STEEL WINE STORAGE TANK (TANK #R2022) WITH PRESSURE/VACUUM
VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE
EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
the equipment authorized by ATC C-629-366-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382
shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
equation: EF = 1.705259 * P^1.0900407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of
wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382
shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in
each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified
within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank
capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 363,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-367-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2041) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-367-1. [District Rule 2201]
3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-367-2 Jul 16 2010 12:27PM — FUKUDAO: Job inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-369-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2043) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520 Federally Enforceable Through Title V Permit]

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-369-1. [District Rule 2201]

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407}; \) where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-369-2 - Jul 18 2016 12:31 PM - FURUOADO - Joint inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-370-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2044) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 25201 Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-370-1. [District Rule 22011

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 22011

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 + P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 22011

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 22011

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 22011

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-370-2 : Jul 18 2016 12:28PM - FUNDADO : Junt Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
Conditions for C-629-370-2 (continued)

8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-371-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2045) WITH PRESSURE/VACUUM
VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE
EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
   procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
   the equipment authorized by ATC C-629-371-1. [District Rule 2201]
3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382
   shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
   equation: EF = 1.705259 * P*1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of
   wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382
   shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in
   each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified
   within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank
   capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-371-2 / Jul 18 2010 12 28PM - FUKUDM : Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-372-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2046) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-372-1. [District Rule 2201]
3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director RPCCO
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-373-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2047) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-373-1. [District Rule 2201]

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \[ EF = 1.705259 \times P^{1.090407} \]; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-374-2

LEGAL OWNER OR OPERATOR: O’NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2048) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. \{1829\} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-374-1. [District Rule 2201]
3. \{98\} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]
5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P*1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]
7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-375-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2049) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLCP

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-375-1. [District Rule 2201]

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: $EF = 1.705259 \times P^{1.090407}$; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadrein, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-375-2 Jul 18 2010 12:39AM - FUKUDA: Inspection NOT Requested
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
Conditions for C-629-375-2 (continued)

8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-376-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2050) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-376-1. [District Rule 220]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 220]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 220]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 220]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 220]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-377-2

LEGAL OWNER OR OPERATOR: O’NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
Parlier, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
Parlier, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2051) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLCP

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-377-1. [District Rule 220]

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 220]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 220]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 220]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 220]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-378-2
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                      PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
                  PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2052) WITH PRESSURE/VACUUM VALVE AND INSULATION. ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-378-1. [District Rule 220]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 220]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \[ EF = 1.705259 \times P^{1.090407} \]; where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 220]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 220]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 220]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-379-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2053) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-379-1. [District Rule 2201]

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-379-2 • Jul 19 2010 12:00PM - FUKUOCA • Joint Inspection NOT Requested
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061

DRAFT
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula:

\[
\text{Total annual VOC emissions} = (\text{Total Annual Red Wine Production-gal}) \times (6.2 \text{ lb-VOC/1000 gal}) + (\text{Total Annual White Wine Production-gal}) \times (2.5 \text{ lb-VOC/1000 gal}).
\]

[District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-380-2

LEGAL OWNER OR OPERATOR: O’NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2054) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 25201 Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-380-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-381-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2055) WITH PRESSURE/VACUUM
VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE
EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
   procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of
   the equipment authorized by ATC C-629-381-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382
   shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
   equation: EF = 1.705259 * P²\(1.090407\); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of
   wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382
   shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in
   each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified
   within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank
   capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with
the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-382-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2056) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-382-1. [District Rule 2201]

3. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director/ APCO

DAVID WARNER, Director of Permit Services
C-629-382-2  Jul 18 2010  12:25PM - FTP/CHANGE: Join Inspection NOT Required
Central Regional Office  1990 E. Gettysburg Ave.  Fresno, CA 93726  (559) 230-5900  Fax (559) 230-6061
8. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

10. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

11. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

12. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

13. When used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

14. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

15. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 2201]

16. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

17. The permittee shall maintain records of the combined annual VOC emissions for permit units C-629-289 through C-629-382 and those records shall be updated at least once per month. [District Rule 2201]

18. When used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-383-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
350,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R0626) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCC}

DAVID WARNER, Director of Permit Services
C-629-383-0  Jul 18 2019 12:29AM - PUBLICATION: Draft Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-384-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
350,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R0627) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. {1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating equipment under this Authority to Construct, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 26 lb, 2nd quarter - 26 lb, 3rd quarter - 25 lb, and fourth quarter - 25 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-384-0 • Jul 10 2018 12:39PM • FCS/3113 • Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-5061
Conditions for C-629-384-0 (continued)

7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-385-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
350,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R0628) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 × P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-386-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION: 350,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R0629) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 220 (as amended 9/21/06). [District Rule 220]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 220]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 220]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 220]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-387-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
350,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R0630) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 392,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 2201 and 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-388-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2057) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-389-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2058) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through C-431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 220 (as amended 9/21/06). [District Rule 220]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 220]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 220]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 220]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-389-0 • Jul 16 2010 12:30PM • PURDAD • Joint Inspection NOT Requested
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-390-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2059) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director/ APCO

DAVID WARNER, Director of Permit Services
C-629-390-0: Jul 18 2010 12:39 PM - FUKUDAD: Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-5061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-391-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2060) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -43 1-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-391-0: Jul 18 2010 12:30PM - FUKUDAD: Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-392-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION: 87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2061) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95° F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-393-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2062) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

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7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-394-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                     PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
            PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2063) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-395-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS:
8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION:
8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2064) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director APCO
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORIZED TO CONSTRUCT

PERMIT NO: C-629-396-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES'CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2065) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520 Federally Enforceable Through Title V Permit]

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through C-629-431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-396-0, Jul 18 2010 12:35PM - PURDAD  - Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-397-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2066) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be canceled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-397-0 - Jul 18 2010 12:30PM - FUKUDAD - Final Inspection NOT Required
Central Regional Office • 1960 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 °F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-398-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2067) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{0.90407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
C-629-398-0: Jul 18 2010 12:30PM - FUKUDA . Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-399-0

LEGAL OWNER OR OPERATOR: O’NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2068) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93712 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-400-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2069) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
C-629-400-0 - Jul 18 2010 12:31PM - FUKUDAJ: Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 OF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-401-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
87,000 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R2070) WITH PRESSURE/VACUUM VALVE AND INSULATION

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

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Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 261,000 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rule 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rule 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 oF, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-402-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3040) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5960 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-626-420-0, 1900 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5960 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-403-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                      PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
                   PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3041) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
C-629-403-0  Jul 18 2010 12:31PM  FUKUOAOJ  Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-404-0
ISSUANCE DATE: DRAFT

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3042) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: 

\[ EF = 1.705259 \times P^{0.90407} \]

where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-405-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3043) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-406-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3044) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5900 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-406-0-3 Jul 16 2010 12:31PM - FLAUDAD: Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-407-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3045) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 220 (as amended 9/21/06). [District Rule 220]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 220]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 220]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 220]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-4070 - Jul 18 2010 12:19 PM - FUKUO - Jkt 111; Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-408-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3046) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-408-0  Jul 16 2010 12:30PM – FRM/AD:  Job Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-409-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3047) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-409-0: Jul 18 2010 12:33PM - FUKI/DAAD: Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-410-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3048) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through C-629-431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 220 (as amended 9/21/06). [District Rule 2201]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-4100 - Jul 16 2010 10:33PM - PUNKDAO - Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6081
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-411-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3049) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput, and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-411-D: Jul 19 2010 12:30PM - FUN/GADO - Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-412-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3050) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
C-629-412-0 / Jul 18 2010 12:32PM - FAX/SSAO : Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-413-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3051) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \[ EF = 1.705259 \times P^{1.090407} \] where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-414-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS:
8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION:
8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3052) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-415-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                        PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
                        PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3053) WITH
PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and
   procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0,
   permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250
   lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the
   applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required
   offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to
   Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing
   requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule
   2201]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431
   shall not exceed 5,000 pounds per year. [District Rule 2201]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following
   equation: EF = 1.705259 * P*1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of
   wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO
OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.
Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the
approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all
Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this
Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with
all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-415-0  JUL 18 2010 12:35PM - FUKUDAD  Just Inspection NOT Required
Central Regional Office  •  1990 E. Gettysburg Ave.  •  Fresno, CA 93726  •  (559) 230-5900  •  Fax (559) 230-6081
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-416-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3054) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-416-0 - Jul 18 2010 12:32PM - FUKUOAD: Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6051
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-417-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3055) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-417-0 • Jul 18 2010 12:32PM • FUAUDAD • Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-418-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3056) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-418-0 - Jul 10 2019 12:33PM - FUKUAD: Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-419-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3057) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation:

\[ EF = 1.705259 \times P^{1.090407} \]

where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-419-0: 17/18 10/11 12:32PM - FPMAD: Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-420-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                 PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION: 13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3058) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through C-629-431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director RPCO

DAVID WARNER, Director of Permit Services
C-629-420-0  Jul 13 2010 12:39PM - P:RUC0AD : Joint Inspection NOT Received
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-421-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3059) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-422-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3060) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: \( EF = 1.705259 \times P^{1.090407} \); where \( EF \) is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and \( P \) is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadreolin, Executive Director, APCO

DAVID WARNER, Director of Permit Services
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-423-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3061) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCD

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7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer’s instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 46941]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 46941]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 46941]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 46941]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 46941). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 46941]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 46941]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 46941]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 46941]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-424-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3062) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-424-0  Jul 16 2010 12:33 PM - TONY
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-425-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3063) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-629-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredini, Executive Director APCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-426-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
                   PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3064) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 \times P^{1.090407}; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadreddin, Executive Director APCO

DAVID WARNER, Director of Permit Services
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-368-2

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC

MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
MODIFICATION OF 87,000 GALLON STEEL WINE STORAGE TANK (TANK #R2042) WITH PRESSURE/VACUUM VALVE AND INSULATION: ADD THE ABILITY TO USE TANK FOR WINE FERMENTATION AND INCLUDE IN THE EXISTING FACILITY-WIDE FERMENTATION VOC SLC

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. This Authority to Construct (ATC) shall be implemented prior to, or concurrently with, the modification and startup of the equipment authorized by ATC C-629-368-1. [District Rule 2201]

3. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

4. Combined annual VOC emissions from all wine storage operations under permit units C-629-289 through C-629-382 shall not exceed 8,991 pounds per year. [District Rule 2201]

5. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

6. Combined annual VOC emissions from wine storage operations under permit units C-629-289 through C-629-382 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

7. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-679-366-2   Jul 18 2010 12:27PM   FAVU010   Joint inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-427-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3065) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through C-629-431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE.

Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-427-0, JUL 16 2010 12:35PM - FUK/DAO: Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-428-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3066) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. (1829) The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. (98) No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadrelin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
C-629-428-0. Jul 16 2010 12:34PM - FUKJAD: Joint Inspection NOT Required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-429-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                      PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
            PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3067) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadedin, Executive Director RPCO

DAVID WARNER, Director of Permit Services

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]

[District Rules 2201 and 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-430-0
LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
PARLIER, CA 93648-9708
LOCATION: 8418 S LAC JAC AVE
PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3068) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]
4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]
5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]
6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director APCO

DAVID WARNER—Director of Permit Services
C-629-430-0  Jul 18 2010 12:34PM  FUKUDA: Joint Inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6081
Conditions for C-629-430-0  (continued)

7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

15. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694]

16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

18. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 4694]

19. When this tank is used for wine storage, the operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694]

20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 4694]
San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

PERMIT NO: C-629-431-0

LEGAL OWNER OR OPERATOR: O'NEILL BEVERAGES CO LLC
MAILING ADDRESS: 8418 S LAC JAC AVE
                  PARLIER, CA 93648-9708

LOCATION: 8418 S LAC JAC AVE
           PARLIER, CA 93648

EQUIPMENT DESCRIPTION:
13,300 GALLON STEEL RED AND WHITE WINE FERMENTATION AND WINE STORAGE TANK (TANK #R3069) WITH PRESSURE/VACUUM VALVE AND INSTALLED IN A CLIMATE CONTROLLED BUILDING

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit

2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

3. Prior to operating any piece of equipment authorized by Authority to Construct permits C-625-383-0 through -431-0, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 1,250 lb, 2nd quarter - 1,250 lb, 3rd quarter - 1,250 lb, and fourth quarter - 1,250 lb. Offsets shall be provided at the applicable offset ratio specified in Table 4-2 of Rule 2201 (as amended 9/21/06). [District Rule 2201]

4. ERC Certificate Number S-3384-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of these Authority to Construct permits. [District Rule 2201]

5. Combined annual VOC emissions from all wine storage operations under permit units C-629-383 through C-629-431 shall not exceed 5,000 pounds per year. [District Rule 2201]

6. The annual VOC wine storage emission factor for each wine ethanol content shall be calculated using the following equation: EF = 1.705259 * P^1.090407; where EF is the VOC emission factor in pounds of VOC per 1000 gallons of wine throughput; and P is the volume percent ethanol of the wine being transferred. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director APCO

DAVID WARNER, Director of Permit Services
C-629-431-0: Jul 19 2010 12:43PM - NAYUZAD | Join inspection NOT Required
Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061
7. Combined annual VOC emissions from wine storage operations under permit units C-629-383 through C-629-431 shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

8. The VOC emissions rate for fermentation operations in this tank shall not exceed 3.46 lb/day per 1000 gallons of tank capacity. [District Rule 2201]

9. Total annual VOC emissions from all wine fermentation operations at this facility shall not exceed 410,502 lb per year. [District Rule 2201]

10. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production-gal) x (6.2 lb-VOC/1000 gal) + (Total Annual White Wine Production-gal) x (2.5 lb-VOC/1000 gal). [District Rule 2201]

11. Ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]

12. The maximum wine storage throughput in this tank shall not exceed 66,500 gallons per day. [District Rule 2201]

13. When used for wine storage, this tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694]

14. When this tank is used for wine storage, the pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694]

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16. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95°F, calculated as the average of all temperature measurements for the batch taken at least every 12 hours over the course of the fermentation. [District Rule 4694]

17. For each batch of must fermented in this tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the average fermentation temperature and the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694]

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