

August 18, 2022

Mr. David Crippen
Bear Creek Winery
11900 N Furry Rd
Lodi, CA 95240

Re: Notice of Preliminary Decision – Title V Permit Renewal
Facility Number: N-96
Project Number: N-1211462

Dear Mr. Crippen:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Bear Creek Winery at 1190 N Furry Rd in Lodi, California.

The notice of preliminary decision for this project has been posted on the District's website (www.valleyair.org). After addressing all comments made during the 30-day public notice and the 45-day EPA comment periods, the District intends to issue the renewed Federally Mandated Operating Permit. Please submit your written comments on this project within the 30-day public comment period, as specified in the enclosed public notice.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Nick Peirce, Permit Services Manager, at (209) 557-6400.

Sincerely,



Brian Clements
Director of Permit Services

Enclosures

cc: Courtney Graham, CARB (w/enclosure) via email
cc: Laura Yannayon, EPA (w/enclosure) via EPS

Samir Sheikh
Executive Director/Air Pollution Control Officer

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**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT**

**Proposed Title V Permit Renewal Evaluation
Bear Creek Winery
N-96**

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TITLE V PERMIT RENEWAL EVALUATION

Winery

Engineer: Matthew Robinson
Date: August 18, 2022

Facility Number: N-96
Facility Name: Bear Creek Winery
Mailing Address: 11900 N Furry Rd
Lodi, CA 95240

Contact Name: David Crippen
Phone: (209) 224-7430

Responsible Official: Mr. Kurt Kautz
Title: Managing Member

Project # : N-1211462
Deemed Complete: April 19, 2021

I. PROPOSAL

Bear Creek Winery was issued their last renewed Title V permit on September 7, 2018. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the facility's last renewed Title V permit.

The purpose of this evaluation is to provide the legal and factual basis for all updated applicable requirements and to determine if the facility will comply with these updated requirements. It also specifically identifies all additions, deletions, and/or changes made to permit conditions or equipment descriptions.

II. FACILITY LOCATION

Bear Creek Winery is located at 11900 N Furry Rd in Lodi, CA.

III. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is included as Attachment C.

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant is requesting to use the following model general permit Templates:

A. Template SJV-UM-0-3 Facility Wide Umbrella

The applicant has requested to utilize template No. SJV-UM-0-3, Facility Wide Umbrella. Based on the information submitted in the Template Qualification Form, the applicant qualifies for the use of this template.

V. SCOPE OF EPA AND PUBLIC REVIEW

Certain segments of the proposed Renewed Operating Permit are based on model general permit templates that have been previously subject to EPA and public review. The terms and conditions from the model general permit templates are included in the proposed permit and are not subject to further EPA and public review.

For permit applications utilizing model general permit templates, public and agency comments on the District's proposed actions are limited to the applicant's eligibility for model general permit template, applicable requirements not covered by the model general permit template, and the applicable procedural requirements for issuance of Title V Operating Permits.

The following permit conditions, including their underlying applicable requirements, originate from model general permit templates and are not subject to further EPA or public review.

Permit Unit	Condition #s
N-96-0-2	1 through 22, and 26 through 40

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Updated

The following rules have been updated since the previous Title V Renewal on September 7, 2018:

- District Rule 2201, New and Modified Stationary Source Review Rule
(amended February 18, 2016 ⇒ amended August 15, 2019)
- District Rule 2520, Federally Mandated Operating Limits
(amended June 21, 2001 ⇒ amended August 15, 2019)
- District Rule 4601, Architectural Coatings
(amended December 17, 2009 ⇒ amended April 16, 2020)
- 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners
(amended April 23, 2021)

B. Rules Removed

There are no applicable rules that were removed since the last Title V renewal.

C. Rules Added

There are no applicable rules that were added since the last Title V renewal.

D. Rules Not Updated

- District Rule 1070, Inspections
(*amended December 17, 1992*)
- District Rule 1100, Equipment Breakdown (Non-SIP replacement for San Joaquin County Rule 110)
(*amended December 17, 1992*)
- District Rule 1160, Emission Statements
(*amended November 18, 1992*)
- District Rule 2010, Permits Required
(*amended December 17, 1992*)
- District Rule 2020, Exemptions
(*amended December 18, 2014*)

- District Rule 2031, Transfer of Permits
(amended December 17, 1992)
- District Rule 2040, Applications
(amended December 17, 1992)
- District Rule 2070, Standards for Granting Applications
(amended December 17, 1992)
- District Rule 2080, Conditional Approval
(amended December 17, 1992)
- District Rule 2410, Prevention of Significant Deterioration
(adopted June 16, 2011)
- District Rule 4101, Visible Emissions
(amended February 17, 2005)
- District Rule 4694, Wine Fermentation and Storage Tanks
(amended December 15, 2005)
- District Rule 4695, Brandy Aging and Wine Aging Operations
(adopted September 17, 2009)
- District Rule 8011, Fugitive Dust General Requirements
(amended August 19, 2004)
- District Rule 8021, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Construction, Demolition, Excavation, and Extraction Activities
(amended August 19, 2004)
- District Rule 8031, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Handling and Storage of Bulk Materials
(amended August 19, 2004)
- District Rule 8041, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Carryout and Trackout
(amended August 19, 2004)
- District Rule 8051, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Open Areas
(amended August 19, 2004)

- District Rule 8061, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Paved and Unpaved Roads
(amended August 19, 2004)
- District Rule 8071, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Unpaved Vehicle/Equipment Areas
(amended September 16, 2004)
- 40 CFR Part 61, Subpart M, National Emissions Standards for Asbestos
(amended July 20, 2004)
- 40 CFR Part 64, Compliance Assurance Monitoring (CAM)
(amended January 3, 2017)

VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

For each Title V source, the District issues a single permit that contains the Federally Enforceable requirements, as well as the District-only requirements. The District-only requirements are not a part of the Title V Operating Permits. The terms and conditions that are part of the facility's Title V permit are designated as "Federally Enforceable Through Title V Permit".

For this facility, the following are not federally enforceable and will not be discussed in further detail:

A. Rules Added/Updated

None

B. Rules Not Updated

- District Rule 4102, Nuisance
(amended December 17, 1992)
- District Rule 4694, Wine Fermentation and Storage Tanks
(amended December 15, 2005)¹

¹ Rule 4694 was partially approved to the Federal SIP. The fermentation requirements of Rule 4694 are not federally enforceable.

VIII. PERMIT REQUIREMENTS

The purpose of this evaluation is to review changes to federally enforceable requirements; therefore, this compliance section will only address rules that have been amended or added since the issuance of the initial Title V permit or most recent renewal of the Title V permit in 2018.

A. District Rule 2201 - New and Modified Stationary Source Review Rule (NSR)

District Rule 2201 has been amended since this facility's Title V permit was last renewed. However, the requirements of this rule are only triggered at the time the source undergoes a modification. All applicable requirements from any NSR permit actions have already been incorporated into the current Title V permit.

B. District Rule 2520 - Federally Mandated Operating Permits

This rule has been amended since this facility's previous Title V permit was issued. The amendments enhanced the public notice process by making public notice information available on the District's website 24 hours/day, 7 days/week, in both Spanish and English. This rule amendment did not require any changes to existing permit conditions. Thus, continued compliance is expected.

C. District Rule 4601 – Architectural Coatings

This rule limits the emissions of VOC's from architectural coatings. The VOC content limits for coatings and colorants are listed in Tables 1 and 2, respectively, of Section 5.0 of the amended rule. This rule also specifies architectural coatings storage, cleanup, and labeling requirements.

The rule was amended in April 16, 2020 but the amended rule has not been SIP approved. The stringency analysis in Attachment D shows that the amended rule is as stringent as the SIP approved version of the rule that was adopted in December 17, 2009.

The following changes were included in the latest rule amendment that resulted in revising current permit requirements:

- Table of Standards 1 (through 12/31/2010) and Table of Standards 2 (after 1/1/2011) specifying the VOC content of different coatings and colorants have been replaced with Table 1 and Table 2 (effective after 1/1/2022) in Section 5.0.

To ensure compliance with Rule 4601 as amended 4/16/2020, conditions #23, 24, 25, of the current facility-wide permit N-96-0-2 will be replaced with conditions #23, 24, and 25 on the draft facility-wide permit N-96-0-3.

- No person shall manufacture, blend, repackage, supply, market, sell, solicit or apply any architectural coating or colorant with a VOC content in excess of the applicable limits specified in Table 1 (Coatings) and Table 2 (Colorants) of District Rule 4601 (4/16/20), unless exempted under section 4.0 of District Rule 4601 (Amended 4/16/20). [District Rule 4601]
- All VOC-containing materials subject to Rule 4601 (4/16/20) shall be stored in closed containers when not in use. [District Rule 4601, 5.4]
- The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (4/16/20). [District Rule 4601, 6.1 and 6.3]

D. 40 CFR Part 64 - Compliance Assurance Monitoring(CAM)

40 CFR Part 64 requires Compliance Assurance Monitoring for units that meet the following three criteria:

- 1) the unit must have an emission limit for the pollutant;
- 2) the unit must have add-on controls for the pollutant; these are devices such as flue gas recirculation (FGR), baghouses, and catalytic oxidizers; and
- 3) the unit must have a pre-control potential to emit of greater than the major source thresholds.

Pollutant	Major Source Threshold (lb/year)
NO _x	20,000
SO _x	140,000
PM ₁₀	140,000
CO	200,000
VOC	20,000

a. All permit units – Wine Fermentation and/or Storage Tanks

These wine fermentation tanks are not equipped with any add-on control equipment. Since these tank permits are not equipped with any add-on control devices, they are not subject to the CAM requirements of 40 CFR Subpart 64 and no further discussion is required.

These wine storage tanks are each equipped with a PV valve, which is considered a passive control measure to prevent the release of pollutants, similar to a seal, roof, or lid. As such, PV valves do not meet the definition of a control device per §64.1. Therefore, these wine storage tanks are not subject to the CAM requirements of 40 CFR Subpart 64 and no further discussion is required.

E. 40 CFR Part 82 Subpart B – Servicing of Motor Vehicle Air Conditioners

The purpose of 40 CFR Part 82 Subpart B is to implement section 609 of the Clean Air Act, as amended regarding the servicing of motor vehicle air conditioners (MVACs), and to implement section 608 of the Clean Air Act regarding certain servicing, maintenance, repair and disposal of air conditioners in MVACs and MVAC-like appliances.

These regulations apply to any person performing service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner.

The amendments to this subpart did not have any effect on the current permit requirements and will therefore not be addressed further in this evaluation. The following condition on the draft renewed permit is a mechanism to ensure compliance with the requirements of this subpart:

Permit Unit	Condition #
N-96-0-2	28

IX. PERMIT SHIELD

A permit shield legally protects a facility from enforcement of the shielded regulations when a source is in compliance with the terms and conditions of the Title V permit. Compliance with the terms and conditions of the Operating Permit is considered compliance with all applicable requirements upon which those conditions are based, including those that have been subsumed.

A. Requirements Addressed by Model General Permit Templates

1. Model General Permit Template SJV-UM-0-3

By submitting Model General Permit Template SJV-UM-0-3 qualification form, the applicant has requested that a permit shield be granted for all the applicable requirements identified by the template. Therefore, the permit shields as granted in Model General Permit Template is included as conditions 39 and 40 of the facility-wide requirements (N-96-0-2).

B. Requirements not Addressed by Model General Permit Templates

This Title V permit renewal does not include any proposals for new permit shields or modifications to any pre-existing permit shields. The proposed renewed Title V permit therefore does not include any new or modified permit shields.

X. California Environmental Quality Act

The purpose of the Title V permit renewal is to update the permit to ensure that any changes to regulations since the issuance of the initial Title V permit or most recent renewal of the Title V permit are incorporated as permit requirements.

Per the California Environmental Quality Act (CEQA) Statute §21080.24, and CEQA Guidelines §15281, the issuance, modification, amendment, or renewal of any permit by an air pollution control district or air quality management district pursuant to Title V is exempt from CEQA, unless the issuance, modification, amendment, or renewal authorizes a physical or operational change to a source or facility. There will be no physical or operational change to the source or facility nor will the Title V permit renewal authorize a physical or operational change to the source or facility. Therefore, this project, a Title V permit renewal, is subject to a ministerial action that is exempt from CEQA.

XI. PERMIT CONDITIONS

See Attachment A - Draft Renewed Title V Operating Permit.

ATTACHMENTS

- A. Draft Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. Detailed Summary List of Facility Permits
- D. Rule 4601 Stringency Analysis

Permit Unit Categories

This facility has large numbers of permit units with identical permit conditions. All the permit units are categorized as shown in the table below, based on the identical conditions. To streamline the review process, only one representative draft renewed permit to operate (PTO) and one representative current PTO for each category is attached.

Permit Unit (Tank) Category	Permit Units with Identical Conditions	Representative	
		Draft Renewed PTO	Current PTO
Rotary red wine fermentation	N-96-4-3 through 7-3 N-96-320-3 through 325-3	N-96-4-4	4-3
Redwood wine and heavy lees storage	N-96-117-3 through 146-3 N-96-166-3 through 169-3 N-96-171-3 through 183-3	N-96-117-4	117-3
Steel wine and heavy lees storage and white wine fermentation	N-96-189-3 through 198-3 N-96-223-3 through 232-3 N-96-255-3 through 270-3 N-96-277-3 through 284-3	N-96-189-4	189-3
Steel wine and heavy lees storage and red wine fermentation	N-96-243-3 through 254-3 N-96-293-3 through 309-3	N-96-243-4	243-3
Steel wine and heavy lees storage	N-96-8-3 through 116-3 N-96-184-3 through 188-3 N-96-199-3 through 220-3 N-96-233-3 through 242-3 N-96-271-3 through 276-3 N-96-285-3 through 292-3 N-96-310-3 through 319-3 N-96-326-3 and 327-3	N-96-8-4	8-3
Steel white/red wine fermentation and storage (<23.9 v% ethanol)	N-96-329-2 through 351-2 N-96-352-1 through 359-1	N-96-329-3	329-2
Steel white/red wine fermentation and storage (<20 v% ethanol)	N-96-389-1 through 396-1	N-96-389-2	389-1
Stainless steel white wine fermentation and storage	N-96-360-1 through 388-1	N-96-360-2	360-1
Stainless steel wine storage (<20 v% ethanol)	N-96-405-0 through 426-0	N-96-405-1	405-0

ATTACHMENT A

Draft Renewed Title V Operating Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-96-4-4

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF6)

PERMIT UNIT REQUIREMENTS

1. All heavy lees produced in this fermentation tank shall be fully recovered and stored for purposes of ethanol recovery. [District Rule 4694]
2. The daily VOC emissions rate for fermentation shall not exceed 3.46 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
4. 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 uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694), and the volume of heavy lees produced and recovered. 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 Rule 4694]
5. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
7. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
10. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
13. 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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-96-117-4

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

19,774 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #13)

DRAFT

PERMIT UNIT REQUIREMENTS

1. 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] Federally Enforceable Through Title V Permit
2. The ethanol content of wine stored in this tank shall not exceed 17 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The operator shall record, on a daily basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
5. 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 or heavy lees transferred, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Total annual VOC emissions from wood wine storage tanks at this winery shall not exceed 5,422 pounds. Total annual VOC emissions from wood wine storage tanks shall be calculated as the sum of the annual working losses and the annual wine losses through the tank walls. The working losses from wood wine storage tanks shall be determined the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. The annual wine losses through tank walls are determined to be 2,933 pounds from all wood wine storage tanks. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
9. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

11. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
12. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
13. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
15. All records shall be retained on-site for a period of at least five years and made available for District, ARB, or EPA inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-96-189-4

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #70)
WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. All heavy lees produced in this fermentation tank shall be fully recovered and stored for purposes of ethanol recovery. [District Rule 4694]
2. The daily VOC emissions rate for fermentation shall not exceed 1.62 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
4. When used for wine or heavy lees 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] Federally Enforceable Through Title V Permit
5. When this tank is used for wine or heavy lees 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] Federally Enforceable Through Title V Permit
6. 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] Federally Enforceable Through Title V Permit
7. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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 uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694), and the volume of heavy lees produced and recovered. 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 Rule 4694]
10. When this tank is used for wine or heavy lees storage, the operator shall record, on a weekly basis, the total gallons of wine or heavy lees contained in the tank and the maximum temperature of the stored wine or heavy lees. [District Rule 4694] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. When this tank is used for wine or heavy lees 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 or heavy lees transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
14. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
17. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-96-243-4

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #401)
WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. All heavy lees produced in this fermentation tank shall be fully recovered and stored for purposes of ethanol recovery. [District Rule 4694]
2. The daily VOC emissions rate for fermentation shall not exceed 3.46 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
4. When used for wine or heavy lees 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] Federally Enforceable Through Title V Permit
5. When this tank is used for wine or heavy lees 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] Federally Enforceable Through Title V Permit
6. 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] Federally Enforceable Through Title V Permit
7. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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 uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694), and the volume of heavy lees produced and recovered. 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 Rule 4694]
10. When this tank is used for wine or heavy lees storage, the operator shall record, on a weekly basis, the total gallons of wine or heavy lees contained in the tank and the maximum temperature of the stored wine or heavy lees. [District Rule 4694] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. When this tank is used for wine or heavy lees 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 or heavy lees transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
14. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
17. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-96-329-3

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

6,700 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #49) WITH PRESSURE/VACUUM VALVE WITH INSULATION

PERMIT UNIT REQUIREMENTS

1. The daily VOC emissions rate for fermentation shall not exceed 3.46 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. 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] Federally Enforceable Through Title V Permit
5. 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] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
8. 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 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 white wine or red wine. [District Rule 4694]
9. 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] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. 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 1070 and 2201] Federally Enforceable Through Title V Permit
11. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
14. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
17. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
19. 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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-96-392-2

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #731) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. The daily VOC emission rate for fermentation operations in this tanks shall not exceed 3.46 lb/day per 1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. 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] Federally Enforceable Through Title V Permit
5. 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] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 20.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description and the annual tank throughputs, in gallons, shall not exceed 25 times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The fermentation throughput for this tank shall not exceed 960,000 gallons in any one year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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 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 white wine or red wine. [District Rule 4694]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

10. 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] Federally Enforceable Through Title V Permit
11. 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 1070 and 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed 242,165 lb-VOC. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
14. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
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 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-96-360-2

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

210,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #715) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. The daily VOC emission rate for fermentation shall not exceed 1.62 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. 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] Federally Enforceable Through Title V Permit
5. 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] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 16.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed twenty-five (25) times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Fermentation operations in this tank shall not exceed 6 turns (nominal volume) per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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 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 white wine or red wine. [District Rule 4694]
10. 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] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. 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 1070 and 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
14. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-96-405-1

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

3,200 GALLON NOMINAL (3,200 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #209) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. This tank shall be used exclusively for wine storage operations only and not for fermentation. [District Rule 2201] Federally Enforceable Through Title V Permit
2. 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 2201] Federally Enforceable Through Title V Permit
3. 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 2201] Federally Enforceable Through Title V Permit
4. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The ethanol content of wine stored in this tank shall not exceed 20.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Daily tank throughput, in gallons, shall not exceed four times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The operator shall determine and 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] Federally Enforceable Through Title V Permit
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 Rules 1070 and 2201] Federally Enforceable Through Title V Permit
12. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

13. The operator shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12-month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
14. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. 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 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

ATTACHMENT B

Previous Title V Operating Permit

San Joaquin Valley *Air Pollution Control District*

PERMIT UNIT: N-96-4-3

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF6)

PERMIT UNIT REQUIREMENTS

1. All heavy lees produced in this fermentation tank shall be fully recovered and stored for purposes of ethanol recovery. [District Rule 4694]
2. The daily VOC emissions rate for fermentation shall not exceed 3.46 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
4. 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 uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694), and the volume of heavy lees produced and recovered. 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 Rule 4694]
5. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
7. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
10. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
13. 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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley *Air Pollution Control District*

PERMIT UNIT: N-96-8-3

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

10,579 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #317) WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. 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] Federally Enforceable Through Title V Permit
2. 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] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The operator shall record, on a weekly basis, the total gallons of wine or heavy lees contained in the tank and the maximum temperature of the stored wine or heavy lees. [District Rule 4694] Federally Enforceable Through Title V Permit
7. 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 or heavy lees transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
8. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
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 - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
10. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
13. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
14. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. 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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: N-96-117-3

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

19,774 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #13)

PERMIT UNIT REQUIREMENTS

1. 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] Federally Enforceable Through Title V Permit
2. The ethanol content of wine stored in this tank shall not exceed 17 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The operator shall record, on a daily basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
5. 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 or heavy lees transferred, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Total annual VOC emissions from wood wine storage tanks at this winery shall not exceed 5,422 pounds. Total annual VOC emissions from wood wine storage tanks shall be calculated as the sum of the annual working losses and the annual wine losses through the tank walls. The working losses from wood wine storage tanks shall be determined the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. The annual wine losses through tank walls are determined to be 2,933 pounds from all wood wine storage tanks. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
9. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
12. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
13. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
15. All records shall be retained on-site for a period of at least five years and made available for District, ARB, or EPA inspection upon request. [District Rules 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: N-96-189-3

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #70)
WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. All heavy lees produced in this fermentation tank shall be fully recovered and stored for purposes of ethanol recovery. [District Rule 4694]
2. The daily VOC emissions rate for fermentation shall not exceed 1.62 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
4. When used for wine or heavy lees 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] Federally Enforceable Through Title V Permit
5. When this tank is used for wine or heavy lees 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] Federally Enforceable Through Title V Permit
6. 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] Federally Enforceable Through Title V Permit
7. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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 uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694), and the volume of heavy lees produced and recovered. 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 Rule 4694]
10. When this tank is used for wine or heavy lees storage, the operator shall record, on a weekly basis, the total gallons of wine or heavy lees contained in the tank and the maximum temperature of the stored wine or heavy lees. [District Rule 4694] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. When this tank is used for wine or heavy lees 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 or heavy lees transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
14. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
17. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: N-96-243-3

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #401)
WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. All heavy lees produced in this fermentation tank shall be fully recovered and stored for purposes of ethanol recovery. [District Rule 4694]
2. The daily VOC emissions rate for fermentation shall not exceed 3.46 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
4. When used for wine or heavy lees 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] Federally Enforceable Through Title V Permit
5. When this tank is used for wine or heavy lees 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] Federally Enforceable Through Title V Permit
6. 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] Federally Enforceable Through Title V Permit
7. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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 uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694), and the volume of heavy lees produced and recovered. 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 Rule 4694]
10. When this tank is used for wine or heavy lees storage, the operator shall record, on a weekly basis, the total gallons of wine or heavy lees contained in the tank and the maximum temperature of the stored wine or heavy lees. [District Rule 4694] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. When this tank is used for wine or heavy lees 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 or heavy lees transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
14. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
17. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: N-96-329-2

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

6,700 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #49) WITH PRESSURE/VACUUM VALVE WITH INSULATION

PERMIT UNIT REQUIREMENTS

1. The daily VOC emissions rate for fermentation shall not exceed 3.46 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. 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] Federally Enforceable Through Title V Permit
5. 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] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
8. 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 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 white wine or red wine. [District Rule 4694]
9. 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] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. 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 1070 and 2201] Federally Enforceable Through Title V Permit
11. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
14. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
17. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
19. 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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: N-96-360-1

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

210,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #715) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. The daily VOC emission rate for fermentation shall not exceed 1.62 lb/1,000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. 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] Federally Enforceable Through Title V Permit
5. 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] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 16.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed twenty-five (25) times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Fermentation operations in this tank shall not exceed 6 turns (nominal volume) per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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 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 white wine or red wine. [District Rule 4694]
10. 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] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. 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 1070 and 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201] Federally Enforceable Through Title V Permit
14. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
15. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
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 1070, 2201, and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: N-96-389-1

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #727) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. The daily VOC emission rate for fermentation operations in this tanks shall not exceed 3.46 lb/day per 1000 gallons. [District Rule 2201]
2. The average fermentation temperature of each batch of must fermented in this tank shall not exceed 95 degrees Fahrenheit, 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]
3. 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]
4. 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]
5. 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]
6. The ethanol content of wine stored in this tank shall not exceed 20.0 percent by volume. [District Rule 2201]
7. When this tank is used for wine storage, the daily tank throughput, in gallons, shall not exceed five times the maximum nominal tank capacity stated in the equipment description and the annual tank throughputs, in gallons, shall not exceed 25 times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201]
8. The fermentation throughput for this tank shall not exceed 960,000 gallons in any one year. [District Rule 2201]
9. 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 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 white wine or red wine. [District Rule 4694]
10. 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]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. 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 1070 and 2201]
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed 242,165 lb-VOC. [District Rule 2201]
13. Total annual VOC emissions from wine fermentation operations shall be determined by the following formula: Total annual VOC emissions = (Total Annual Red Wine Production - gallons) x (6.2 lb-VOC/1,000 gallons) + (Total Annual White Wine Production - gallons) x (2.5 lb-VOC/1,000 gallons). [District Rule 2201]
14. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201]
15. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201]
16. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201]
17. The permittee shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12 month rolling period, calculated monthly). [District Rules 1070 and 2201]
18. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201]
19. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201]
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 1070, 2201 and 4694]

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley

Air Pollution Control District

PERMIT UNIT: N-96-405-0

EXPIRATION DATE: 10/31/2022

EQUIPMENT DESCRIPTION:

3,200 GALLON NOMINAL (3,200 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #209) WITH PRESSURE/VACUUM VALVE AND INSULATION

PERMIT UNIT REQUIREMENTS

1. This tank shall be used exclusively for wine storage operations only and not for fermentation. [District Rule 2201] Federally Enforceable Through Title V Permit
2. 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 2201] Federally Enforceable Through Title V Permit
3. 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 2201] Federally Enforceable Through Title V Permit
4. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The ethanol content of wine stored in this tank shall not exceed 20.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Daily tank throughput, in gallons, shall not exceed four times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 242,165 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Total annual VOC emissions from wine storage operations shall be determined as the sum of the product of the volume of wine transferred in each wine movement and the batch-specific wine storage VOC emission factor calculated using the equation specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The batch-specific wine storage VOC emission factor (EF), in pounds of VOC per 1,000 gallons of wine throughput, shall be calculated using the following equation: $EF = 1.705259 * P^{1.090407}$, where P is the volume percent ethanol of the wine being transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The operator shall determine and 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] Federally Enforceable Through Title V Permit
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 Rules 1070 and 2201] Federally Enforceable Through Title V Permit
12. Records of total annual fermentation and total annual storage emissions, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

13. The operator shall maintain the following records: red wine and white wine produced by fermentation at this facility, based on values reported to the Alcohol and Tobacco Tax and Trade Bureau (TTB), U.S. Department of the Treasury; the volume and the ethanol concentration of each wine movement; and the calculated 12 month rolling VOC emission rate (lb-VOC per 12-month rolling period, calculated monthly). [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
14. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. 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 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

ATTACHMENT C

Detailed Summary List of Facility Permits

Detailed Facility Report

For Facility=96

Sorted by Facility Name and Permit Number

BEAR CREEK WINERY 11900 N FURRY RD LODI, CA 95240	FAC # STATUS: TELEPHONE:	N 96 A 2093683113	TYPE: TOXIC ID:	TitleV 70147	EXPIRE ON: AREA: INSP. DATE:	10/31/2022 1 / 04/23
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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-1-2	14.5 MMBTU/HR	3020-02 G	1	980.00	980.00	D	ONE (1) 14.5 MMBTU/HR BIGELOW BOILER. *** PERMIT DELETED 9-4-2002 - FJC ***
N-96-2-0	4,184,875 BTU/HR	3020-02 F	1	731.00	731.00	D	ONE (1) ERIE CITY BOILER #2001-26 ***** DELETED AS PER THE APPLICANT, 09/27/95 *****
N-96-3-1	8.4 MMBTU/YR	3020-02 G	1	980.00	980.00	D	ONE (1) 8.4 MMBTU/HR CLEAVER BROOKS (MODEL #CB 621-200) NATURAL GAS FIRED BOILER. **** DELETED, AS PER THE APPLICANT ON 09/22/97 ****
N-96-4-3	31,000 gallons	3020-05 C	1	165.00	165.00	A	31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF6)
N-96-5-3	31,000 gallons	3020-05 C	1	165.00	165.00	A	31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF7)
N-96-6-3	31,000 gallons	3020-05 C	1	165.00	165.00	A	31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF8)
N-96-7-3	31,000 gallons	3020-05 C	1	165.00	165.00	A	31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF9)
N-96-8-3	10,579 gallons	3020-05 B	1	113.00	113.00	A	10,579 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #317) WITH PRESSURE/VACUUM VALVE
N-96-9-3	10,579 gallons	3020-05 B	1	113.00	113.00	A	10,579 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #318) WITH PRESSURE/VACUUM VALVE
N-96-10-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #611) WITH PRESSURE/VACUUM VALVE
N-96-11-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #612) WITH PRESSURE/VACUUM VALVE
N-96-12-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #613) WITH PRESSURE/VACUUM VALVE
N-96-13-3	33,707 gallons	3020-05 C	1	165.00	165.00	A	33,707 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #1)
N-96-14-3	33,841 gallons	3020-05 C	1	165.00	165.00	A	33,841 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #2)
N-96-15-3	33,748 gallons	3020-05 C	1	165.00	165.00	A	33,748 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #3)
N-96-16-3	32,597 gallons	3020-05 C	1	165.00	165.00	A	32,597 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #4)
N-96-17-3	33,221 gallons	3020-05 C	1	165.00	165.00	A	33,221 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #5)

Detailed Facility Report

For Facility=96

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-18-3	33,113 gallons	3020-05 C	1	165.00	165.00	A	33,113 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #6)
N-96-19-3	20,308 gallons	3020-05 C	1	165.00	165.00	A	20,308 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #101)
N-96-20-3	20,386 gallons	3020-05 C	1	165.00	165.00	A	20,386 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #102)
N-96-21-3	20,341 gallons	3020-05 C	1	165.00	165.00	A	20,341 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #103)
N-96-22-3	20,337 gallons	3020-05 C	1	165.00	165.00	A	20,337 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #104)
N-96-23-3	20,281 gallons	3020-05 C	1	165.00	165.00	A	20,281 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #105)
N-96-24-3	20,246 gallons	3020-05 C	1	165.00	165.00	A	20,246 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #106)
N-96-25-3	20,561 gallons	3020-05 C	1	165.00	165.00	A	20,561 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #107)
N-96-26-3	20,235 gallons	3020-05 C	1	165.00	165.00	A	20,235 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #108)
N-96-27-3	19,760 gallons	3020-05 B	1	113.00	113.00	A	19,760 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #109)
N-96-28-3	19,755 gallons	3020-05 B	1	113.00	113.00	A	19,755 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #110)
N-96-29-3	19,702 gallons	3020-05 B	1	113.00	113.00	A	19,702 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #111)
N-96-30-3	19,722 gallons	3020-05 B	1	113.00	113.00	A	19,722 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #112)
N-96-31-3	20,103 gallons	3020-05 C	1	165.00	165.00	A	20,103 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #113)
N-96-32-3	19,926 gallons	3020-05 B	1	113.00	113.00	A	19,926 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #114)
N-96-33-3	20,015 gallons	3020-05 C	1	165.00	165.00	A	20,015 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #115)
N-96-34-3	19,802 gallons	3020-05 B	1	113.00	113.00	A	19,802 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #116)
N-96-35-3	19,766 gallons	3020-05 B	1	113.00	113.00	A	19,766 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #117)

Detailed Facility Report

For Facility=96

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-36-3	19,719 gallons	3020-05 B	1	113.00	113.00	A	19,719 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #118)
N-96-37-3	20,116 gallons	3020-05 C	1	165.00	165.00	A	20,116 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #119)
N-96-38-3	19,974 gallons	3020-05 B	1	113.00	113.00	A	19,974 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #120)
N-96-39-3	20,670 gallons	3020-05 C	1	165.00	165.00	A	20,670 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #121)
N-96-40-3	20,581 gallons	3020-05 C	1	165.00	165.00	A	20,581 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #122)
N-96-41-3	20,451 gallons	3020-05 C	1	165.00	165.00	A	20,451 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #123)
N-96-42-3	20,237 gallons	3020-05 C	1	165.00	165.00	A	20,237 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #124)
N-96-43-3	20,264 gallons	3020-05 C	1	165.00	165.00	A	20,264 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #125)
N-96-44-3	20,478 gallons	3020-05 C	1	165.00	165.00	A	20,478 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #126)
N-96-45-3	20,449 gallons	3020-05 C	1	165.00	165.00	A	20,449 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #127)
N-96-46-3	20,418 gallons	3020-05 C	1	165.00	165.00	A	20,418 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #128)
N-96-47-3	16,774 gallons	3020-05 B	1	113.00	113.00	A	16,774 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #129)
N-96-48-3	17,021 gallons	3020-05 B	1	113.00	113.00	A	17,021 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #130)
N-96-49-3	16,906 gallons	3020-05 B	1	113.00	113.00	A	16,906 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #131)
N-96-50-3	16,801 gallons	3020-05 B	1	113.00	113.00	A	16,801 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #132)
N-96-51-3	16,936 gallons	3020-05 B	1	113.00	113.00	A	16,936 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #133)
N-96-52-3	16,971 gallons	3020-05 B	1	113.00	113.00	A	16,971 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #134)
N-96-53-3	7,703 gallons	3020-05 B	1	113.00	113.00	A	7,703 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #135)

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-54-3	7,732 gallons	3020-05 B	1	113.00	113.00	A	7,732 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #136)
N-96-55-3	7,732 gallons	3020-05 B	1	113.00	113.00	A	7,732 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #137)
N-96-56-3	7,756 gallons	3020-05 B	1	113.00	113.00	A	7,756 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #138)
N-96-57-3	16,928 gallons	3020-05 B	1	113.00	113.00	A	16,928 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #139)
N-96-58-3	16,977 gallons	3020-05 B	1	113.00	113.00	A	16,977 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #140)
N-96-59-3	16,780 gallons	3020-05 B	1	113.00	113.00	A	16,780 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #141)
N-96-60-3	16,866 gallons	3020-05 B	1	113.00	113.00	A	16,866 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #142)
N-96-61-3	16,981 gallons	3020-05 B	1	113.00	113.00	A	16,981 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #143)
N-96-62-3	16,659 gallons	3020-05 B	1	113.00	113.00	A	16,659 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #144)
N-96-63-3	24,324 gallons	3020-05 C	1	165.00	165.00	A	24,324 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #145)
N-96-64-3	24,037 gallons	3020-05 C	1	165.00	165.00	A	24,037 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #146)
N-96-65-3	24,250 gallons	3020-05 C	1	165.00	165.00	A	24,250 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #147)
N-96-66-3	24,355 gallons	3020-05 C	1	165.00	165.00	A	24,355 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #148)
N-96-67-3	24,320 gallons	3020-05 C	1	165.00	165.00	A	24,320 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #149)
N-96-68-3	24,358 gallons	3020-05 C	1	165.00	165.00	A	24,358 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #150)
N-96-69-3	24,374 gallons	3020-05 C	1	165.00	165.00	A	24,374 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #151)
N-96-70-3	24,611 gallons	3020-05 C	1	165.00	165.00	A	24,611 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #152)
N-96-71-3	24,557 gallons	3020-05 C	1	165.00	165.00	A	24,557 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #153)

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-72-3	24,514 gallons	3020-05 C	1	165.00	165.00	A	24,514 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #154)
N-96-73-3	24,615 gallons	3020-05 C	1	165.00	165.00	A	24,615 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #155)
N-96-74-3	24,495 gallons	3020-05 C	1	165.00	165.00	A	24,495 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #156)
N-96-75-3	24,554 gallons	3020-05 C	1	165.00	165.00	A	24,554 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #157)
N-96-76-3	24,426 gallons	3020-05 C	1	165.00	165.00	A	24,426 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #158)
N-96-77-3	24,605 gallons	3020-05 C	1	165.00	165.00	A	24,605 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #159)
N-96-78-3	23,889 gallons	3020-05 C	1	165.00	165.00	A	23,889 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #161)
N-96-79-3	23,892 gallons	3020-05 C	1	165.00	165.00	A	23,892 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #162)
N-96-80-3	24,108 gallons	3020-05 C	1	165.00	165.00	A	24,108 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #163)
N-96-81-3	24,074 gallons	3020-05 C	1	165.00	165.00	A	24,074 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #164)
N-96-82-3	23,231 gallons	3020-05 C	1	165.00	165.00	A	23,231 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #165)
N-96-83-3	24,003 gallons	3020-05 C	1	165.00	165.00	A	24,003 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #166)
N-96-84-3	23,454 gallons	3020-05 C	1	165.00	165.00	A	23,454 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #167)
N-96-85-3	23,417 gallons	3020-05 C	1	165.00	165.00	A	23,417 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #168)
N-96-86-3	24,107 gallons	3020-05 C	1	165.00	165.00	A	24,107 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #169)
N-96-87-3	23,957 gallons	3020-05 C	1	165.00	165.00	A	23,957 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #170)
N-96-88-3	23,977 gallons	3020-05 C	1	165.00	165.00	A	23,977 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #171)
N-96-89-3	23,920 gallons	3020-05 C	1	165.00	165.00	A	23,920 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #172)

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-90-3	47,634 gallons	3020-05 C	1	165.00	165.00	A	47,634 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #290)
N-96-91-3	48,935 gallons	3020-05 C	1	165.00	165.00	A	48,935 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #291)
N-96-92-3	48,827 gallons	3020-05 C	1	165.00	165.00	A	48,827 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #292)
N-96-93-3	48,675 gallons	3020-05 C	1	165.00	165.00	A	48,675 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #293)
N-96-94-3	48,767 gallons	3020-05 C	1	165.00	165.00	A	48,767 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #294)
N-96-95-3	48,833 gallons	3020-05 C	1	165.00	165.00	A	48,833 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #295)
N-96-96-3	49,089 gallons	3020-05 C	1	165.00	165.00	A	49,089 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #296)
N-96-97-3	49,120 gallons	3020-05 C	1	165.00	165.00	A	49,120 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #297)
N-96-98-3	9,697 gallons	3020-05 B	1	113.00	113.00	A	9,697 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #298)
N-96-99-3	9,783 gallons	3020-05 B	1	113.00	113.00	A	9,783 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #299)
N-96-100-3	9,765 gallons	3020-05 B	1	113.00	113.00	A	9,765 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #300)
N-96-101-3	10,297 gallons	3020-05 B	1	113.00	113.00	A	10,297 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #301)
N-96-102-3	10,243 gallons	3020-05 B	1	113.00	113.00	A	10,243 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #302)
N-96-103-3	35,567 gallons	3020-05 C	1	165.00	165.00	A	35,567 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #303)
N-96-104-3	35,071 gallons	3020-05 C	1	165.00	165.00	A	35,071 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #304)
N-96-105-3	35,475 gallons	3020-05 C	1	165.00	165.00	A	35,475 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #305)
N-96-106-3	34,990 gallons	3020-05 C	1	165.00	165.00	A	34,990 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #306)
N-96-107-3	35,368 gallons	3020-05 C	1	165.00	165.00	A	35,368 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #307)

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-108-3	35,215 gallons	3020-05 C	1	165.00	165.00	A	35,215 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #308)
N-96-109-3	35,395 gallons	3020-05 C	1	165.00	165.00	A	35,395 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #309)
N-96-110-3	45,216 gallons	3020-05 C	1	165.00	165.00	A	45,216 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #310)
N-96-111-3	45,011 gallons	3020-05 C	1	165.00	165.00	A	45,011 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #311)
N-96-112-3	45,084 gallons	3020-05 C	1	165.00	165.00	A	45,084 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #312)
N-96-113-3	44,874 gallons	3020-05 C	1	165.00	165.00	A	44,874 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #313)
N-96-114-3	45,554 gallons	3020-05 C	1	165.00	165.00	A	45,554 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #314)
N-96-115-3	45,749 gallons	3020-05 C	1	165.00	165.00	A	45,749 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #315)
N-96-116-3	45,592 gallons	3020-05 C	1	165.00	165.00	A	45,592 GALLON CONCRETE WINE AND HEAVY LEES STORAGE TANK (TANK #316)
N-96-117-3	19,774 gallons	3020-05 B	1	113.00	113.00	A	19,774 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #13)
N-96-118-3	19,724 gallons	3020-05 B	1	113.00	113.00	A	19,724 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #14)
N-96-119-3	19,719 gallons	3020-05 B	1	113.00	113.00	A	19,719 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #15)
N-96-120-3	19,573 gallons	3020-05 B	1	113.00	113.00	A	19,573 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #16)
N-96-121-3	19,556 gallons	3020-05 B	1	113.00	113.00	A	19,556 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #17)
N-96-122-3	19,632 gallons	3020-05 B	1	113.00	113.00	A	19,632 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #18)
N-96-123-3	19,490 gallons	3020-05 B	1	113.00	113.00	A	19,490 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #19)
N-96-124-3	19,556 gallons	3020-05 B	1	113.00	113.00	A	19,556 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #20)
N-96-125-3	19,647 gallons	3020-05 B	1	113.00	113.00	A	19,647 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #21)

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-126-3	19,615 gallons	3020-05 B	1	113.00	113.00	A	19,615 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #22)
N-96-127-3	32,053 gallons	3020-05 C	1	165.00	165.00	A	32,053 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #24)
N-96-128-3	31,940 gallons	3020-05 C	1	165.00	165.00	A	31,940 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #25)
N-96-129-3	31,939 gallons	3020-05 C	1	165.00	165.00	A	31,939 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #26)
N-96-130-3	31,715 gallons	3020-05 C	1	165.00	165.00	A	31,715 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #27)
N-96-131-3	32,108 gallons	3020-05 C	1	165.00	165.00	A	32,108 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #28)
N-96-132-3	32,021 gallons	3020-05 C	1	165.00	165.00	A	32,021 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #29)
N-96-133-3	32,026 gallons	3020-05 C	1	165.00	165.00	A	32,026 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #30)
N-96-134-3	31,910 gallons	3020-05 C	1	165.00	165.00	A	31,910 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #31)
N-96-135-3	32,040 gallons	3020-05 C	1	165.00	165.00	A	32,040 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #32)
N-96-136-3	31,928 gallons	3020-05 C	1	165.00	165.00	A	31,928 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #33)
N-96-137-3	31,872 gallons	3020-05 C	1	165.00	165.00	A	31,872 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #34)
N-96-138-3	32,119 gallons	3020-05 C	1	165.00	165.00	A	32,119 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #35)
N-96-139-3	32,132 gallons	3020-05 C	1	165.00	165.00	A	32,132 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #36)
N-96-140-3	31,984 gallons	3020-05 C	1	165.00	165.00	A	31,984 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #37)
N-96-141-3	31,807 gallons	3020-05 C	1	165.00	165.00	A	31,807 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #38)
N-96-142-3	31,850 gallons	3020-05 C	1	165.00	165.00	A	31,850 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #39)
N-96-143-3	31,962 gallons	3020-05 C	1	165.00	165.00	A	31,962 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #40)

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-144-3	32,093 gallons	3020-05 C	1	165.00	165.00	A	32,093 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #41)
N-96-145-3	32,092 gallons	3020-05 C	1	165.00	165.00	A	32,092 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #42)
N-96-146-3	31,979 gallons	3020-05 C	1	165.00	165.00	A	31,979 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #43)
N-96-147-2	10,416 gallons	3020-05 B	1	113.00	113.00	D	10,416 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #201)
N-96-148-2	10,435 gallons	3020-05 B	1	113.00	113.00	D	10,435 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #202)
N-96-149-2	10,415 gallons	3020-05 B	1	113.00	113.00	D	10,415 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #203)
N-96-150-2	10,414 gallons	3020-05 B	1	113.00	113.00	D	10,414 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #204)
N-96-151-2	10,405 gallons	3020-05 B	1	113.00	113.00	D	10,405 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #205)
N-96-152-2	10,456 gallons	3020-05 B	1	113.00	113.00	D	10,456 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #207)
N-96-153-2	10,473 gallons	3020-05 B	1	113.00	113.00	D	10,473 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #208)
N-96-154-2	20,302 gallons	3020-05 C	1	165.00	165.00	D	20,302 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #209)
N-96-155-2	20,404 gallons	3020-05 C	1	165.00	165.00	D	20,404 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #210)
N-96-156-2	20,382 gallons	3020-05 C	1	165.00	165.00	D	20,382 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #213)
N-96-157-2	20,398 gallons	3020-05 C	1	165.00	165.00	D	20,398 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #214)
N-96-158-2	10,393 gallons	3020-05 B	1	113.00	113.00	D	10,393 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #215)
N-96-159-2	10,378 gallons	3020-05 B	1	113.00	113.00	D	10,378 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #216)
N-96-160-2	10,343 gallons	3020-05 B	1	113.00	113.00	D	10,343 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #217)
N-96-161-2	10,383 gallons	3020-05 B	1	113.00	113.00	D	10,383 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #218)

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-162-2	10,382 gallons	3020-05 B	1	113.00	113.00	D	10,382 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #219)
N-96-163-2	10,404 gallons	3020-05 B	1	113.00	113.00	D	10,404 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #220)
N-96-164-2	10,403 gallons	3020-05 B	1	113.00	113.00	D	10,403 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #221)
N-96-165-2	10,342 gallons	3020-05 B	1	113.00	113.00	D	10,342 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #222)
N-96-166-3	51,874 gallons	3020-05 D	1	223.00	223.00	D	51,874 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #223)
N-96-167-3	51,769 gallons	3020-05 D	1	223.00	223.00	D	51,769 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #224)
N-96-168-3	51,946 gallons	3020-05 D	1	223.00	223.00	D	51,946 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #225)
N-96-169-3	51,873 gallons	3020-05 D	1	223.00	223.00	D	51,873 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #226)
N-96-170-2	52,369 gallons	3020-05 D	1	223.00	223.00	D	52,369 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #229)
N-96-171-3	52,352 gallons	3020-05 D	1	223.00	223.00	A	52,352 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #230)
N-96-172-3	52,344 gallons	3020-05 D	1	223.00	223.00	A	52,344 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #231)
N-96-173-3	52,209 gallons	3020-05 D	1	223.00	223.00	A	52,209 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #232)
N-96-174-3	52,229 gallons	3020-05 D	1	223.00	223.00	A	52,229 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #233)
N-96-175-3	16,649 gallons	3020-05 B	1	113.00	113.00	A	16,646 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #277)
N-96-176-3	16,686 gallons	3020-05 B	1	113.00	113.00	A	16,686 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #278)
N-96-177-3	16,837 gallons	3020-05 B	1	113.00	113.00	A	16,837 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #279)
N-96-178-3	16,861 gallons	3020-05 B	1	113.00	113.00	A	16,861 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #280)
N-96-179-3	16,785 gallons	3020-05 B	1	113.00	113.00	A	16,785 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #281)

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-180-3	16,816 gallons	3020-05 B	1	113.00	113.00	A	16,816 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #282)
N-96-181-3	16,820 gallons	3020-05 B	1	113.00	113.00	A	16,820 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #283)
N-96-182-3	16,688 gallons	3020-05 B	1	113.00	113.00	A	16,688 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #284)
N-96-183-3	16,689 gallons	3020-05 B	1	113.00	113.00	A	16,689 GALLON REDWOOD WINE AND HEAVY LEES STORAGE TANK (TANK #285)
N-96-184-3	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #44) WITH PRESSURE/VACUUM VALVE
N-96-185-3	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #45) WITH PRESSURE/VACUUM VALVE
N-96-186-3	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #46) WITH PRESSURE/VACUUM VALVE
N-96-187-3	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #47) WITH PRESSURE/VACUUM VALVE
N-96-188-3	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #48) WITH PRESSURE/VACUUM VALVE
N-96-189-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #70) WITH PRESSURE/VACUUM VALVE
N-96-190-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #71) WITH PRESSURE/VACUUM VALVE
N-96-191-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #72) WITH PRESSURE/VACUUM VALVE
N-96-192-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #73) WITH PRESSURE/VACUUM VALVE
N-96-193-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #74) WITH PRESSURE/VACUUM VALVE
N-96-194-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #75) WITH PRESSURE/VACUUM VALVE
N-96-195-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #76) WITH PRESSURE/VACUUM VALVE

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-196-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #77) WITH PRESSURE/VACUUM VALVE
N-96-197-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #78) WITH PRESSURE/VACUUM VALVE
N-96-198-3	13,967 gallons	3020-05 B	1	113.00	113.00	A	13,967 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #79) WITH PRESSURE/VACUUM VALVE
N-96-199-3	994 gallons	3020-05 A	1	91.00	91.00	A	994 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #81) WITH PRESSURE/VACUUM VALVE
N-96-200-3	994 gallons	3020-05 A	1	91.00	91.00	A	994 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #82) WITH PRESSURE/VACUUM VALVE
N-96-201-3	3,908 gallons	3020-05 A	1	91.00	91.00	A	3,908 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #83) WITH PRESSURE/VACUUM VALVE
N-96-202-3	3,908 gallons	3020-05 A	1	91.00	91.00	A	3,908 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #84) WITH PRESSURE/VACUUM VALVE
N-96-203-3	3,908 gallons	3020-05 A	1	91.00	91.00	A	3,908 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #85) WITH PRESSURE/VACUUM VALVE
N-96-204-3	3,908 gallons	3020-05 A	1	91.00	91.00	A	3,908 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #86) WITH PRESSURE/VACUUM VALVE
N-96-205-3	3,908 gallons	3020-05 A	1	91.00	91.00	A	3,908 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #87) WITH PRESSURE/VACUUM VALVE
N-96-206-3	3,908 gallons	3020-05 A	1	91.00	91.00	A	3,908 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #88) WITH PRESSURE/VACUUM VALVE
N-96-207-3	994 gallons	3020-05 A	1	91.00	91.00	A	994 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #89) WITH PRESSURE/VACUUM VALVE
N-96-208-3	994 gallons	3020-05 A	1	91.00	91.00	A	994 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #90) WITH PRESSURE/VACUUM VALVE
N-96-209-3	122,990 gallons	3020-05 E	1	296.00	296.00	A	122,990 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #175) WITH PRESSURE/VACUUM VALVE
N-96-210-3	122,990 gallons	3020-05 E	1	296.00	296.00	A	122,990 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #176) WITH PRESSURE/VACUUM VALVE
N-96-211-3	34,540 gallons	3020-05 C	1	165.00	165.00	A	34,540 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #177) WITH PRESSURE/VACUUM VALVE
N-96-212-3	34,540 gallons	3020-05 C	1	165.00	165.00	A	34,540 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #178) WITH PRESSURE/VACUUM VALVE

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N-96-213-3	34,540 gallons	3020-05 C	1	165.00	165.00	A	34,540 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #179) WITH PRESSURE/VACUUM VALVE
N-96-214-3	34,540 gallons	3020-05 C	1	165.00	165.00	A	34,540 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #180) WITH PRESSURE/VACUUM VALVE
N-96-215-3	106,290 gallons	3020-05 E	1	296.00	296.00	A	106,290 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #181) WITH PRESSURE/VACUUM VALVE
N-96-216-3	106,290 gallons	3020-05 E	1	296.00	296.00	A	106,290 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #182) WITH PRESSURE/VACUUM VALVE
N-96-217-3	106,290 gallons	3020-05 E	1	296.00	296.00	A	106,290 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #183) WITH PRESSURE/VACUUM VALVE
N-96-218-3	106,290 gallons	3020-05 E	1	296.00	296.00	A	106,290 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #184) WITH PRESSURE/VACUUM VALVE
N-96-219-3	31,580 gallons	3020-05 C	1	165.00	165.00	A	31,580 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #185) WITH PRESSURE/VACUUM VALVE
N-96-220-3	31,580 gallons	3020-05 C	1	165.00	165.00	A	31,580 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #186) WITH PRESSURE/VACUUM VALVE
N-96-221-1	5,133 gallons	3020-05 B	1	113.00	113.00	D	5,133 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #187) WITH PRESSURE/VACUUM VALVE
N-96-222-1	5,133 gallons	3020-05 B	1	113.00	113.00	D	5,133 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #188) WITH PRESSURE/VACUUM VALVE
N-96-223-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #191) WITH PRESSURE/VACUUM VALVE
N-96-224-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #192) WITH PRESSURE/VACUUM VALVE
N-96-225-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #193) WITH PRESSURE/VACUUM VALVE
N-96-226-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #194) WITH PRESSURE/VACUUM VALVE
N-96-227-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #195) WITH PRESSURE/VACUUM VALVE
N-96-228-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #196) WITH PRESSURE/VACUUM VALVE

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N-96-229-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #197) WITH PRESSURE/VACUUM VALVE
N-96-230-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #198) WITH PRESSURE/VACUUM VALVE
N-96-231-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #199) WITH PRESSURE/VACUUM VALVE
N-96-232-3	11,041 gallons	3020-05 B	1	113.00	113.00	A	11,041 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #200) WITH PRESSURE/VACUUM VALVE
N-96-233-3	6,870 gallons	3020-05 B	1	113.00	113.00	A	6,870 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #234) WITH PRESSURE/VACUUM VALVE
N-96-234-3	6,870 gallons	3020-05 B	1	113.00	113.00	A	6,870 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #235) WITH PRESSURE/VACUUM VALVE
N-96-235-3	10,590 gallons	3020-05 B	1	113.00	113.00	A	10,590 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #319) WITH PRESSURE/VACUUM VALVE
N-96-236-3	10,572 gallons	3020-05 B	1	113.00	113.00	A	10,572 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #320) WITH PRESSURE/VACUUM VALVE
N-96-237-3	5,161 gallons	3020-05 B	1	113.00	113.00	A	5,161 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #321) WITH PRESSURE/VACUUM VALVE
N-96-238-3	5,147 gallons	3020-05 B	1	113.00	113.00	A	5,147 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #322) WITH PRESSURE/VACUUM VALVE
N-96-239-3	5,035 gallons	3020-05 B	1	113.00	113.00	A	5,035 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #323) WITH PRESSURE/VACUUM VALVE
N-96-240-3	5,042 gallons	3020-05 B	1	113.00	113.00	A	5,042 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #324) WITH PRESSURE/VACUUM VALVE
N-96-241-3	2,231 gallons	3020-05 A	1	91.00	91.00	A	2,231 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #325) WITH PRESSURE/VACUUM VALVE
N-96-242-3	2,238 gallons	3020-05 A	1	91.00	91.00	A	2,238 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #326) WITH PRESSURE/VACUUM VALVE
N-96-243-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #401) WITH PRESSURE/VACUUM VALVE
N-96-244-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #402) WITH PRESSURE/VACUUM VALVE

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N-96-245-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #403) WITH PRESSURE/VACUUM VALVE
N-96-246-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #404) WITH PRESSURE/VACUUM VALVE
N-96-247-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #405) WITH PRESSURE/VACUUM VALVE
N-96-248-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #406) WITH PRESSURE/VACUUM VALVE
N-96-249-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #407) WITH PRESSURE/VACUUM VALVE
N-96-250-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #408) WITH PRESSURE/VACUUM VALVE
N-96-251-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #409) WITH PRESSURE/VACUUM VALVE
N-96-252-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #410) WITH PRESSURE/VACUUM VALVE
N-96-253-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #411) WITH PRESSURE/VACUUM VALVE
N-96-254-3	136,493 gallons	3020-05 E	1	296.00	296.00	A	136,493 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #412) WITH PRESSURE/VACUUM VALVE
N-96-255-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #515) WITH PRESSURE/VACUUM VALVE
N-96-256-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #516) WITH PRESSURE/VACUUM VALVE
N-96-257-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #517) WITH PRESSURE/VACUUM VALVE
N-96-258-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #518) WITH PRESSURE/VACUUM VALVE

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N-96-259-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #519) WITH PRESSURE/VACUUM VALVE
N-96-260-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #520) WITH PRESSURE/VACUUM VALVE
N-96-261-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #521) WITH PRESSURE/VACUUM VALVE
N-96-262-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #522) WITH PRESSURE/VACUUM VALVE
N-96-263-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #523) WITH PRESSURE/VACUUM VALVE
N-96-264-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #524) WITH PRESSURE/VACUUM VALVE
N-96-265-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #525) WITH PRESSURE/VACUUM VALVE
N-96-266-3	70,434 gallons	3020-05 D	1	223.00	223.00	A	70,434 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #526) WITH PRESSURE/VACUUM VALVE
N-96-267-3	49,774 gallons	3020-05 C	1	165.00	165.00	A	49,774 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #504) WITH PRESSURE/VACUUM VALVE
N-96-268-3	49,774 gallons	3020-05 C	1	165.00	165.00	A	49,774 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #505) WITH PRESSURE/VACUUM VALVE
N-96-269-3	49,774 gallons	3020-05 C	1	165.00	165.00	A	49,774 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #506) WITH PRESSURE/VACUUM VALVE
N-96-270-3	49,774 gallons	3020-05 C	1	165.00	165.00	A	49,774 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #507) WITH PRESSURE/VACUUM VALVE
N-96-271-3	60,418 gallons	3020-05 D	1	223.00	223.00	A	60,418 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #501) WITH PRESSURE/VACUUM VALVE
N-96-272-3	60,418 gallons	3020-05 D	1	223.00	223.00	A	60,418 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #502) WITH PRESSURE/VACUUM VALVE

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-273-3	60,418 gallons	3020-05 D	1	223.00	223.00	A	60,418 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #503) WITH PRESSURE/VACUUM VALVE
N-96-274-3	60,418 gallons	3020-05 D	1	223.00	223.00	A	60,418 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #512) WITH PRESSURE/VACUUM VALVE
N-96-275-3	60,418 gallons	3020-05 D	1	223.00	223.00	A	60,418 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #513) WITH PRESSURE/VACUUM VALVE
N-96-276-3	60,418 gallons	3020-05 D	1	223.00	223.00	A	60,418 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #514) WITH PRESSURE/VACUUM VALVE
N-96-277-3	49,774 gallons	3020-05 C	1	165.00	165.00	A	49,774 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #508) WITH PRESSURE/VACUUM VALVE
N-96-278-3	49,774 gallons	3020-05 C	1	165.00	165.00	A	49,774 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #509) WITH PRESSURE/VACUUM VALVE
N-96-279-3	49,774 gallons	3020-05 C	1	165.00	165.00	A	49,774 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #510) WITH PRESSURE/VACUUM VALVE
N-96-280-3	49,774 gallons	3020-05 C	1	165.00	165.00	A	49,774 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #511) WITH PRESSURE/VACUUM VALVE
N-96-281-3	52,000 gallons	3020-05 D	1	223.00	223.00	A	52,000 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #527) WITH PRESSURE/VACUUM VALVE
N-96-282-3	52,000 gallons	3020-05 D	1	223.00	223.00	A	52,000 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #528) WITH PRESSURE/VACUUM VALVE
N-96-283-3	52,000 gallons	3020-05 D	1	223.00	223.00	A	52,000 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #529) WITH PRESSURE/VACUUM VALVE
N-96-284-3	52,000 gallons	3020-05 D	1	223.00	223.00	A	52,000 GALLON STEEL WINE AND HEAVY LEES STORAGE AND WHITE WINE FERMENTATION TANK (TANK #530) WITH PRESSURE/VACUUM VALVE
N-96-285-3	250,000 gallons	3020-05 E	1	296.00	296.00	A	250,000 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #531) WITH PRESSURE/VACUUM VALVE
N-96-286-3	250,000 gallons	3020-05 E	1	296.00	296.00	A	250,000 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #532) WITH PRESSURE/VACUUM VALVE
N-96-287-3	250,000 gallons	3020-05 E	1	296.00	296.00	A	250,000 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #533) WITH PRESSURE/VACUUM VALVE
N-96-288-3	250,000 gallons	3020-05 E	1	296.00	296.00	A	250,000 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #534) WITH PRESSURE/VACUUM VALVE

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N-96-289-3	100,000 gallons	3020-05 E	1	296.00	296.00	A	100,000 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #535) WITH PRESSURE/VACUUM VALVE
N-96-290-3	100,000 gallons	3020-05 E	1	296.00	296.00	A	100,000 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #536) WITH PRESSURE/VACUUM VALVE
N-96-291-3	100,000 gallons	3020-05 E	1	296.00	296.00	A	100,000 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #537) WITH PRESSURE/VACUUM VALVE
N-96-292-3	100,000 gallons	3020-05 E	1	296.00	296.00	A	100,000 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #538) WITH PRESSURE/VACUUM VALVE
N-96-293-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #601) WITH PRESSURE/VACUUM VALVE
N-96-294-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #602) WITH PRESSURE/VACUUM VALVE
N-96-295-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #603) WITH PRESSURE/VACUUM VALVE
N-96-296-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #604) WITH PRESSURE/VACUUM VALVE
N-96-297-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #605) WITH PRESSURE/VACUUM VALVE
N-96-298-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #606) WITH PRESSURE/VACUUM VALVE
N-96-299-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #607) WITH PRESSURE/VACUUM VALVE
N-96-300-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #608) WITH PRESSURE/VACUUM VALVE
N-96-301-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #609) WITH PRESSURE/VACUUM VALVE
N-96-302-3	20,488 gallons	3020-05 C	1	165.00	165.00	A	20,488 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #610) WITH PRESSURE/VACUUM VALVE
N-96-303-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #614) WITH PRESSURE/VACUUM VALVE

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-304-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #615) WITH PRESSURE/VACUUM VALVE
N-96-305-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #616) WITH PRESSURE/VACUUM VALVE
N-96-306-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #617) WITH PRESSURE/VACUUM VALVE
N-96-307-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #618) WITH PRESSURE/VACUUM VALVE
N-96-308-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #619) WITH PRESSURE/VACUUM VALVE
N-96-309-3	31,168 gallons	3020-05 C	1	165.00	165.00	A	31,168 GALLON STEEL WINE AND HEAVY LEES STORAGE AND RED WINE FERMENTATION TANK (TANK #620) WITH PRESSURE/VACUUM VALVE
N-96-310-3	41,399 gallons	3020-05 C	1	165.00	165.00	A	41,399 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #661) WITH PRESSURE/VACUUM VALVE
N-96-311-3	41,399 gallons	3020-05 C	1	165.00	165.00	A	41,399 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #662) WITH PRESSURE/VACUUM VALVE
N-96-312-3	12,014 gallons	3020-05 B	1	113.00	113.00	A	12,014 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #201) WITH PRESSURE/VACUUM VALVE
N-96-313-3	12,014 gallons	3020-05 B	1	113.00	113.00	A	12,014 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #202) WITH PRESSURE/VACUUM VALVE
N-96-314-3	12,014 gallons	3020-05 B	1	113.00	113.00	A	12,014 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #203) WITH PRESSURE/VACUUM VALVE
N-96-315-3	12,014 gallons	3020-05 B	1	113.00	113.00	A	12,014 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #204) WITH PRESSURE/VACUUM VALVE
N-96-316-3	12,014 gallons	3020-05 B	1	113.00	113.00	A	12,014 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #205) WITH PRESSURE/VACUUM VALVE
N-96-317-3	12,014 gallons	3020-05 B	1	113.00	113.00	A	12,014 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #206) WITH PRESSURE/VACUUM VALVE
N-96-318-3	12,014 gallons	3020-05 B	1	113.00	113.00	A	12,014 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #207) WITH PRESSURE/VACUUM VALVE
N-96-319-3	12,014 gallons	3020-05 B	1	113.00	113.00	A	12,014 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #208) WITH PRESSURE/VACUUM VALVE

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-320-3	31,000 gallons	3020-05 C	1	165.00	165.00	A	31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF1)
N-96-321-3	31,000 gallons	3020-05 C	1	165.00	165.00	A	31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF2)
N-96-322-3	31,000 gallons	3020-05 C	1	165.00	165.00	A	31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF3)
N-96-323-3	31,000 gallons	3020-05 C	1	165.00	165.00	A	31,000 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF4)
N-96-324-3	7,500 gallons	3020-05 B	1	113.00	113.00	A	7,500 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF11)
N-96-325-3	7,500 gallons	3020-05 B	1	113.00	113.00	A	7,500 GALLON ROTARY RED WINE FERMENTATION TANK (TANK #RF12)
N-96-326-3	33,127 gallons	3020-05 C	1	165.00	165.00	A	33,127 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #D302) WITH PRESSURE/VACUUM VALVE
N-96-327-3	33,071 gallons	3020-05 C	1	165.00	165.00	A	33,071 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #D303) WITH PRESSURE/VACUUM VALVE
N-96-328-1	59,467 gallons	3020-05 D	1	223.00	223.00	D	59,467 GALLON STEEL WINE AND HEAVY LEES STORAGE TANK (TANK #D306) WITH PRESSURE/VACUUM VALVE
N-96-329-2	6,700 gallons	3020-05 B	1	113.00	113.00	A	6,700 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #49) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-330-2	6,700 gallons	3020-05 B	1	113.00	113.00	A	6,700 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #50) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-331-2	6,700 gallons	3020-05 B	1	113.00	113.00	A	6,700 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #51) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-332-2	70,000 gallons	3020-05 D	1	223.00	223.00	A	70,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #539) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-333-2	70,000 gallons	3020-05 D	1	223.00	223.00	A	70,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #540) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-334-2	70,000 gallons	3020-05 D	1	223.00	223.00	A	70,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #541) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-335-2	70,000 gallons	3020-05 D	1	223.00	223.00	A	70,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #542) WITH PRESSURE/VACUUM VALVE WITH INSULATION

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-336-2	70,000 gallons	3020-05 D	1	223.00	223.00	A	70,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #543) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-337-2	70,000 gallons	3020-05 D	1	223.00	223.00	A	70,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #544) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-338-2	70,000 gallons	3020-05 D	1	223.00	223.00	A	70,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #545) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-339-2	70,000 gallons	3020-05 D	1	223.00	223.00	A	70,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #546) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-340-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #52) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-341-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #53) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-342-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #54) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-343-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #55) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-344-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #56) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-345-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #57) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-346-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #58) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-347-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #59) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-348-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #60) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-349-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #61) WITH PRESSURE/VACUUM VALVE WITH INSULATION

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-350-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON NOMINAL (14,198 GALLON GAUGE) STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #665) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-351-2	14,000 gallons	3020-05 B	1	113.00	113.00	A	14,000 GALLON NOMINAL (14,198 GALLON GAUGE) STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #667) WITH PRESSURE/VACUUM VALVE WITH INSULATION
N-96-352-1	62,000 gal	3020-05 D	1	223.00	223.00	A	62,000 GALLON STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #621) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-353-1	62,000 gal	3020-05 D	1	223.00	223.00	A	62,000 GALLON STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #622) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-354-1	62,000 gal	3020-05 D	1	223.00	223.00	A	62,000 GALLON STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #623) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-355-1	62,000 gal	3020-05 D	1	223.00	223.00	A	62,000 GALLON STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #624) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-356-1	62,000 gal	3020-05 D	1	223.00	223.00	A	62,000 GALLON STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #625) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-357-1	62,000 gal	3020-05 D	1	223.00	223.00	A	62,000 GALLON STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #626) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-358-1	62,000 gal	3020-05 D	1	223.00	223.00	A	62,000 GALLON STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #627) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-359-1	62,000 gal	3020-05 D	1	223.00	223.00	A	62,000 GALLON STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #628) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-360-1	210,000 gallon	3020-05 E	1	296.00	296.00	A	210,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #715) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-361-1	210,000 gallons	3020-05 E	1	296.00	296.00	A	210,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #716) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-362-1	210,000 gallons	3020-05 E	1	296.00	296.00	A	210,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #723) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-363-1	210,000 gallons	3020-05 E	1	296.00	296.00	A	210,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #724) WITH PRESSURE/VACUUM VALVE AND INSULATION

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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-364-1	160,000 gallons	3020-05 E	1	296.00	296.00	A	160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #725) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-365-1	160,000 gallons	3020-05 E	1	296.00	296.00	A	160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #726) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-366-1	160,000 gallons	3020-05 E	1	296.00	296.00	A	160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #732) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-367-1	160,000 gallons	3020-05 E	1	296.00	296.00	A	160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #733) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-368-1	51,000 gallons	3020-05 D	1	223.00	223.00	A	51,000 GALLON NOMINAL (50,595 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #734) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-369-1	51,000 gallons	3020-05 D	1	223.00	223.00	A	51,000 GALLON NOMINAL (50,595 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #735) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-370-1	51,000 gallons	3020-05 D	1	223.00	223.00	A	51,000 GALLON NOMINAL (50,595 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #742) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-371-1	51,000 gallons	3020-05 D	1	223.00	223.00	A	51,000 GALLON NOMINAL (50,595 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #743) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-372-1	46,000 gallons	3020-05 C	1	165.00	165.00	A	46,000 GALLON NOMINAL (46,501 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #668) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-373-1	46,000 gallons	3020-05 C	1	165.00	165.00	A	46,000 GALLON NOMINAL (46,501 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #669) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-374-1	13,400 gallons	3020-05 B	1	113.00	113.00	A	13,400 GALLON NOMINAL (13,483 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #708) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-375-1	13,400 gallons	3020-05 B	1	113.00	113.00	A	13,400 GALLON NOMINAL (13,483 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #709) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-376-1	13,400 gallons	3020-05 B	1	113.00	113.00	A	13,400 GALLON NOMINAL (13,483 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #710) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-377-1	13,400 gallons	3020-05 B	1	113.00	113.00	A	13,400 GALLON NOMINAL (13,483 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #711) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=96

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-378-1	13,400 gallons	3020-05 B	1	113.00	113.00	A	13,400 GALLON NOMINAL (13,483 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #712) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-379-1	13,400 gallons	3020-05 B	1	113.00	113.00	A	13,400 GALLON NOMINAL (13,483 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #713) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-380-1	13,400 gallons	3020-05 B	1	113.00	113.00	A	13,400 GALLON NOMINAL (13,483 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #714) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-381-1	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON NOMINAL (6,677 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #700) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-382-1	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON NOMINAL (6,677 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #701) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-383-1	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON NOMINAL (6,677 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #702) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-384-1	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON NOMINAL (6,677 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #703) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-385-1	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON NOMINAL (6,677 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #704) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-386-1	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON NOMINAL (6,677 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #705) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-387-1	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON NOMINAL (6,677 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #706) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-388-1	6,500 gallons	3020-05 B	1	113.00	113.00	A	6,500 GALLON NOMINAL (6,677 GALLON GAUGE) STAINLESS STEEL WHITE WINE FERMENTATION AND STORAGE TANK (TANK #707) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-389-1	160,835 Gallon	3020-05 E	1	296.00	296.00	A	160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #727) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-390-1	160,835 Gallon	3020-05 E	1	296.00	296.00	A	160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #728) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-391-1	160,835 Gallon	3020-05 E	1	296.00	296.00	A	160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #730) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=96

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-392-1	160,835 Gallon	3020-05 E	1	296.00	296.00	A	160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #731) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-393-1	50,595 Gallon	3020-05 D	1	223.00	223.00	A	51,000 GALLON NOMINAL (50,595 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #736) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-394-1	50,595 Gallon	3020-05 D	1	223.00	223.00	A	51,000 GALLON NOMINAL (50,595 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #737) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-395-1	50,595 Gallon	3020-05 D	1	223.00	223.00	A	51,000 GALLON NOMINAL (50,595 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #740) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-396-1	50,595 Gallon	3020-05 D	1	223.00	223.00	A	51,000 GALLON NOMINAL (50,595 GALLON GAUGE) STAINLESS STEEL WHITE/RED WINE FERMENTATION AND STORAGE TANK (TANK #741) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-397-0	26,000 gallon	3020-05 C	1	165.00	165.00	A	26,000 GALLON NOMINAL STAINLESS STEEL WHITE/RED WINE STORAGE TANK (TANK #668) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-405-0	3,200 gallon	3020-05 A	1	91.00	91.00	A	3,200 GALLON NOMINAL (3,200 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #209) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-406-0	3,200 gallon	3020-05 A	1	91.00	91.00	A	3,200 GALLON NOMINAL (3,200 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #210) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-407-0	3,200 gallon	3020-05 A	1	91.00	91.00	A	3,200 GALLON NOMINAL (3,200 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #211) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-408-0	3,200 gallon	3020-05 A	1	91.00	91.00	A	3,200 GALLON NOMINAL (3,200 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #212) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-409-0	3,200 gallon	3020-05 A	1	91.00	91.00	A	3,200 GALLON NOMINAL (3,200 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #213) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-410-0	3,200 gallon	3020-05 A	1	91.00	91.00	A	3,200 GALLON NOMINAL (3,200 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #214) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-411-0	2,000 gallon	3020-05 A	1	91.00	91.00	A	2,000 GALLON NOMINAL (2,000 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #215) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-412-0	2,000 gallon	3020-05 A	1	91.00	91.00	A	2,000 GALLON NOMINAL (2,000 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #216) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=96

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
N-96-413-0	2,000 gallon	3020-05 A	1	91.00	91.00	A	2,000 GALLON NOMINAL (2,000 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #217) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-414-0	2,000 gallon	3020-05 A	1	91.00	91.00	A	2,000 GALLON NOMINAL (2,000 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #218) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-415-0	2,000 gallon	3020-05 A	1	91.00	91.00	A	2,000 GALLON NOMINAL (2,000 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #219) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-416-0	2,000 gallon	3020-05 A	1	91.00	91.00	A	2,000 GALLON NOMINAL (2,000 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #220) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-417-0	2,000 gallon	3020-05 A	1	91.00	91.00	A	2,000 GALLON NOMINAL (2,000 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #221) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-418-0	216,000 gallon	3020-05 E	1	296.00	296.00	A	216,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #717) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-419-0	216,000 gallon	3020-05 E	1	296.00	296.00	A	216,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #718) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-420-0	219,000 gallon	3020-05 E	1	296.00	296.00	A	216,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #719) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-421-0	216,000 gallon	3020-05 E	1	296.00	296.00	A	216,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #720) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-422-0	216,000 gallon	3020-05 E	1	296.00	296.00	A	216,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #721) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-423-0	216,000 gallon	3020-05 E	1	296.00	296.00	A	216,000 GALLON NOMINAL (216,862 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #722) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-424-0	160,835 gallon	3020-05 E	1	296.00	296.00	A	160,000 GALLON NOMINAL (160,835 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #729) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-425-0	51,595 gallon	3020-05 D	1	223.00	223.00	A	50,000 GALLON NOMINAL (51,595 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #738) WITH PRESSURE/VACUUM VALVE AND INSULATION
N-96-426-0	51,595 gallon	3020-05 D	1	223.00	223.00	A	50,000 GALLON NOMINAL (51,595 GALLON GAUGE) STAINLESS STEEL ENCLOSED TOP WINE STORAGE TANK (TANK #739) WITH PRESSURE/VACUUM VALVE AND INSULATION

Detailed Facility Report

For Facility=96

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
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Number of Facilities Reported: 1

ATTACHMENT D

Rule 4601 Stringency Analysis

Stringency Comparison of District Rule 4601 Non-SIP Version (4/16/20) to Current SIP Version (12/17/09)

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
2.0 Applicability	This rule is applicable to any person who supplies, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures, blends or repackages any architectural coating for use within the District.	This rule is applicable to any person who supplies, markets, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures, blends or repackages any architectural coating for use within the District.	The only change is to include applicability of this rule to the person marketing the coatings, therefore, non-SIP version of rule is more stringent than SIP version.
4.0 Exemptions	<p>4.1 The provisions of this rule shall not apply to:</p> <p>4.1.1 Any architectural coating that is supplied, sold, offered for sale, or manufactured for use outside of the District or for shipment to other manufacturers for reformulation or repackaging.</p> <p>4.1.2 Any aerosol coating product.</p> <p>4.2 With the exception of Section 6.2, the provisions of this rule shall not apply to any architectural coating that is sold in a container with a volume of one liter (1.057 quarts) or less.</p>	<p>4.1 The provisions of this rule shall not apply to:</p> <p>4.1.1 Any architectural coating that is supplied, sold, offered for sale, or manufactured for use outside of the District or for shipment to other manufacturers for reformulation or repackaging.</p> <p>4.1.2 Any aerosol coating product.</p> <p>4.2 With the exception of Section 6.2 and Section 4.3, the provisions of this rule shall not apply to any architectural coating that is sold in a container with a volume of one liter (1.057 quarts) or less, provided the following requirements are met:</p> <p>4.2.1 The coating container is not bundled together with other containers of the same specific coating category (listed in Table 1) to be sold as a unit that exceeds one liter (1.057 quart), excluding containers packed together for shipping to a retail outlet, and</p> <p>4.2.2 The label or any other product literature does not suggest combining multiple containers of the same specific category (listed in Table 1) so that the combination exceeds one liter (1.057 quart).</p> <p>4.3 On and after sixty days following the effective date of EPA final rulemaking that the conditions described in Clean Air Act Sections 172(c)(9) and 182(c)(9) have occurred in the San Joaquin Valley regarding the 2008 8-hour Ozone National Ambient Air Quality Standard, the categories of coatings listed below shall no longer be exempt from the provisions of Table 1 of this rule when sold in containers having capacities of one liter (1.057 quarts) or less:</p> <p>4.3.1 Bituminous Roof Coatings;</p> <p>4.3.2 Flat Coatings that are sold in containers having capacities greater than eight fluid ounces;</p> <p>4.3.3 Magnesite Cement Coatings;</p> <p>4.3.4 Multi-Color Coatings;</p>	The exemptions for colorant and for architectural coatings sold in a container with a volume of one liter (1.057 quarts) or less have been added to the rule in order to make the amended rule consistent with the exemptions presented in 2020 California Air Resources Board (ARB) Suggested Control Measures (SCM) for Architectural Coatings. Therefore, the non-SIP version of the rule is as stringent as the SIP version of the rule.

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
		<p>4.3.5 Nonflat Coatings that are sold in containers having capacities greater than eight fluid ounces;</p> <p>4.3.6 Pre-Treatment Wash Primers;</p> <p>4.3.7 Reactive Penetrating Sealers;</p> <p>4.3.8 Shellacs (Clear and Opaque);</p> <p>4.3.9 Stone Consolidants;</p> <p>4.3.10 Swimming Pool Coatings;</p> <p>4.3.11 Tub and Tile Refinishing Coatings;</p> <p>4.3.12 Wood Coatings, including Lacquers, Varnishes, and Sanding Sealers; and</p> <p>4.3.13 Wood Preservatives.</p> <p>4.4 Colorant added at the factory or at the worksite is not subject to the VOC limits in Table 2. In addition, containers of colorant sold at the point of sale for use in the field or on a job site are also not subject to the VOC limit in Table 2.</p>	
<p>5.0 Requirements</p>	<p>5.1 VOC Content Limits: Except as provided in Sections 5.2 and 5.3, no person shall manufacture, blend, or repackage for use within the District; or supply, sell, or offer for sale within the District; or solicit for application or apply within the District any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards 1 or the Table of Standards 2, after the specified effective date in the Table of Standards 1 or the Table of Standards 2. Limits are expressed as VOC Regulatory, thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.</p>	<p>5.1 VOC Content Limits: Except as provided in Sections 5.2 and 5.3, no person shall manufacture, blend, or repackage for use within the District; or supply, sell, market or offer for sale within the District; or solicit for application or apply within the District any architectural coating or colorant with a VOC content in excess of the corresponding limit specified in Table 1 or Table 2, after the specified effective date in Table 1 or Table 2. Limits are expressed as VOC Regulatory, thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.</p>	<p>The Table of Standards 1 and the Table of Standard 2 have been replaced with more stringent Table 1 with VOC content limit for coatings and Table 2 with VOC content limit for colorants with more stringent VOC limits as shown in the tables at the end of this document. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>
	<p>5.2 Most Restrictive VOC Limit: If a coating meets the definition in Section 3.0 for one or more specialty coating categories listed in the Table of Standards 1 or the Table of Standards 2, then that coating is not required to meet the VOC limits for Flat, Nonflat, or Nonflat – High Gloss coatings, but is required to meet the VOC limit for the applicable specialty coating listed in the Table of Standards 1 or the Table of Standards 2.</p> <p>5.2.1 Effective until December 31, 2010, with the exception of the specialty coating categories specified in Section 5.2.3.1 through 5.2.3.15, if a coating is recommended for use in more than one of the specialty coating categories listed in the Table of Standards 1, the most restrictive (or lowest) VOC content limit shall apply.</p> <p>5.2.2 Effective on and after January 1, 2011, with the exception of the specialty coating categories specified in Sections 5.2.3.2, 5.2.3.3, 5.2.3.5 through 5.2.3.9, and 5.2.3.14 through 5.2.3.18, if a coating is recommended for use in more than one of the</p>	<p>5.2 Most Restrictive VOC Limit: If a coating meets the definition in Section 3.0 for one or more specialty coating categories listed in Table 1 or, then that coating is not required to meet the VOC limits for Flat or Nonflat coatings, but is required to meet the VOC limit for the applicable specialty coating listed in Table 1 or . With the exception of the specialty coating categories specified in Sections 5.2.1 through 5.2.12, if a coating is recommended for use in more than one of the specialty coating categories listed in Table 1, then the most restrictive (or lowest) VOC content limit shall apply. This requirement applies to: usage recommendations that appear anywhere on the coating container, anywhere on any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a manufacturer or anyone acting on their behalf.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	<p>specialty coating categories listed in the Table of Standards 2, the most restrictive (or lowest) VOC content limit shall apply.</p> <p>5.2.3 This requirement applies to: usage recommendations that appear anywhere on the coating container, anywhere on any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a manufacturer or anyone acting on their behalf.</p> <p>5.2.3.1 Lacquer coatings (including lacquer sanding sealers)</p> <p>5.2.3.2 Metallic pigmented coatings</p> <p>5.2.3.3 Shellacs</p> <p>5.2.3.4 Fire-retardant coatings</p> <p>5.2.3.5 Pretreatment wash primers</p> <p>5.2.3.6 Industrial maintenance coatings</p> <p>5.2.3.7 Low-solids coatings</p> <p>5.2.3.8 Wood preservatives</p> <p>5.2.3.9 High temperature coatings</p> <p>5.2.3.10 Temperature-indicator safety coatings</p> <p>5.2.3.11 Antenna coatings</p> <p>5.2.3.12 Antifouling coatings</p> <p>5.2.3.13 Flow coatings</p> <p>5.2.3.14 Bituminous roof primers</p> <p>5.2.3.15 Specialty primers, sealers and undercoaters</p> <p>5.2.3.16 Aluminum roof coatings</p> <p>5.2.3.17 Zinc-rich primers</p> <p>5.2.3.18 Wood Coatings</p>	<p>5.2.1 Metallic pigmented coatings;</p> <p>5.2.2 Shellacs;</p> <p>5.2.3 Pretreatment wash primers;</p> <p>5.2.4 Industrial maintenance coatings;</p> <p>5.2.5 Low-solids coatings;</p> <p>5.2.6 Wood preservatives;</p> <p>5.2.7 High temperature coatings;</p> <p>5.2.8 Bituminous roof primers;</p> <p>5.2.9 Specialty primers, sealers and undercoaters;</p> <p>5.2.10 Aluminum roof coatings;</p> <p>5.2.11 Zinc-rich primers; and</p> <p>5.2.12 Wood Coatings.</p>	
	<p>5.3 Sell-Through of Coatings: A coating manufactured prior to the effective date specified for that coating in the Table of Standards 1 or the Table of Standards 2, and that complied with the standards in effect at the time the coating was manufactured, may be sold, supplied, or offered for sale for up to three years after the specified effective date. In addition, a coating manufactured before the effective date specified for that coating in the Table of Standards 1 or the Table of Standards 2 may be applied at any time, both before and after the specified effective date, so long as the coating complied with the standards in effect at the time the coating was manufactured. This Section 5.3 does not apply to any coating that does not display the date or date-code required by Section 6.1.1.</p>	<p>5.3 Sell-Through of Coatings: 5.3.1 A coating manufactured prior to January 1, 2022, may be sold, supplied, or offered for sale for up to three years after January 1, 2022. In addition, a coating manufactured before January 1, 2022 may be applied at any time, both before and after January 1, 2022, so long as the coating complied with the standards in effect at the time the coating was manufactured. This subsection 5.3.1 does not apply to any coating that does not display the date or date-code required by subsection 6.1.1. 5.3.2 A colorant manufactured prior to January 1, 2022, may be sold, supplied, or offered for sale for up to three years after January 1, 2022. In addition, a colorant manufactured before January 1, 2022 may be applied at any time, both before and after January 1, 2022, so long as the colorant complied with the standards in effect at the time the colorant was manufactured. This subsection 5.3.2 does not apply to any colorant that does not display the date or date-code required by subsection 6.1.1.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>
	<p>5.4 Painting Practices: All architectural coating containers used to apply the contents therein to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging or other means,</p>	<p>5.4 Painting Practices: All architectural coating containers used to apply the contents therein to a surface directly from the container by pouring, siphoning, brushing, rolling, padding,</p>	<p>No change in the requirements, therefore, non-SIP version of rule is as stringent as SIP version.</p>

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	shall be closed when not in use. These architectural coating containers include, but are not limited to, drums, buckets, cans, pails, trays or other application containers. Containers of any VOC-containing materials used for thinning and cleanup shall also be closed when not in use.	ragging or other means, shall be closed when not in use. These architectural coating containers include, but are not limited to, drums, buckets, cans, pails, trays or other application containers. Containers of any VOC-containing materials used for thinning and cleanup shall also be closed when not in use.	
	5.5 Thinning: No person who applies or solicits the application of any architectural coating shall apply a coating that is thinned to exceed the applicable VOC limit specified in the Table of Standards 1 or the Table of Standards 2.	5.5 Thinning: No person who applies or solicits the application of any architectural coating shall apply a coating that is thinned to exceed the applicable VOC limit specified in the Table of Standards 1 or the Table of Standards 2.	No change in the requirements, therefore, non-SIP version of rule is as stringent as SIP version.
	5.6 Rust Preventative Coatings: Effective through December 31, 2010, no person shall apply or solicit the application of any rust preventative coating for industrial use, unless such a rust preventative coating complies with the industrial maintenance coating VOC limit specified in the Table of Standards 1.		The VOC limit of the SIP version is no longer applicable at this time and has been removed.
	5.7 Coatings Not Listed in the Table of Standards 1 or the Table of Standards 2: For any coating that does not meet any of the definitions for the specialty coatings categories listed in the Table of Standards 1 or the Table of Standards 2, the VOC content limit shall be determined by classifying the coating as a Flat, Nonflat, or Nonflat – High Gloss coating, based on its gloss, and the corresponding Flat, Nonflat, or Nonflat – High Gloss VOC limit in the Table of Standards 1 or the Table of Standards 2 shall apply.	5.6 Coatings Not Listed in Table 1: For any coating that does not meet any of the definitions for the specialty coatings categories listed in Table 1, the VOC content limit shall be determined by classifying the coating as Flat or Nonflat, based on its gloss, and the corresponding Flat or Nonflat VOC limit in Table 1 shall apply.	The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.
		5.7 Colorants: No person within the District shall, at the point of sale of any architectural coating subject to subsection 5.1, add to such coating any colorant that contains VOCs in excess of the corresponding applicable VOC limit specified in Table 2. The point of sale includes retail outlets that add colorant to a coating container to obtain a specific color.	The VOC limit for colorants in non-SIP version more stringent than the SIP version of the rule.
	5.8 Prior to January 1, 2011, any coating that meets a definition in Section 3.0 for a coating category listed in the Table of Standards 2 and complies with the applicable VOC limit in the Table of Standards 2 and with Sections 5.2 and 6.1 (including those provision of Section 6.1 otherwise effective on January 1, 2011) shall be considered in compliance with this rule.		The VOC limit of the SIP version is no longer applicable at this time and has been removed.
Table of Standards 1 (Effective on and after 1/1/11)		Table 1 VOC Content Limits for Coatings (Effective on and after 1/1/22) (See end of the document for Table Comparison)	The requirements of Table of Standard 1 are more stringent than the Table 1 in the SIP rule. Therefore, non-SIP version of rule is as stringent as SIP version.

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	Table of Standards 2 (Effective on and after 1/1/11)	Table 2 VOC Content Limits for Colorants (Effective on and after 1/1/22) (See end of the document for Table Comparison)	VOC content limits for colorants were added under the amended rule. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.
6.0 Administrative Requirements	<p>6.1 Labeling Requirements: Each manufacturer of any architectural coating subject to this rule shall display the information listed in Sections 6.1.1 through 6.1.14 on the coating container (or label) in which the coating is sold or distributed.</p> <p>6.1.1 Date Code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid or bottom of the container. If the manufacturer uses a date code for any coating, the manufacturer shall file an explanation of each code with the Executive Officer of the ARB.</p> <p>6.1.2 Thinning Recommendations: A statement of the manufacturer's recommendation regarding thinning of the coating shall be indicated on the label or lid of the container. This requirement does not apply to the thinning of architectural coatings with water. If thinning of the coating prior to use is not necessary, the recommendation must specify that the coating is to be applied without thinning.</p> <p>6.1.3 VOC Content: Each container of any coating subject to this rule shall display one of the following values, in grams of VOC per liter of coating:</p> <p>6.1.3.1 Maximum VOC Content, as determined from all potential product formulations; or</p> <p>6.1.3.2 VOC Content, as determined from actual formulation data; or</p> <p>6.1.3.3 VOC Content, as determined using the test methods in Section 6.3.2.</p> <p>If the manufacturer does not recommend thinning, the container must display the VOC Content, as supplied. If the manufacturer recommends thinning, the container must display the VOC Content, including the maximum amount of thinning solvent recommended by the manufacturer. If the coating is a multicomponent product, the container must display the VOC content as mixed or catalyzed. If the coating contains silanes, siloxanes, or other ingredients that generate ethanol or other VOCs during the curing process, the VOC content must include the VOCs emitted during curing.</p> <p>6.1.4 Faux Finishing Coatings: Effective January 1, 2011, the labels of all clear topcoat Faux Finishing coatings shall prominently display the statement "This product can only be sold or used as part</p>	<p>6.1 Labeling Requirements: Each manufacturer of any architectural coating subject to this rule shall display the information listed in Sections 6.1.1 through 6.1.12 on the coating container (or label) in which the coating is sold or distributed.</p> <p>6.1.1 Date Code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid or bottom of the container. If the manufacturer uses a date code for any coating, the manufacturer shall file an explanation of each code with the Executive Officer of the ARB.</p> <p>6.1.2 Thinning Recommendations: A statement of the manufacturer's recommendation regarding thinning of the coating shall be indicated on the label or lid of the container. This requirement does not apply to the thinning of architectural coatings with water. If thinning of the coating prior to use is not necessary, the recommendation must specify that the coating is to be applied without thinning.</p> <p>6.1.3 VOC Content: Each container of any coating subject to this rule shall display one of the following values, in grams of VOC per liter of coating:</p> <p>6.1.3.1 Maximum VOC Content, as determined from all potential product formulations; or</p> <p>6.1.3.2 VOC Content, as determined from actual formulation data; or</p> <p>6.1.3.3 VOC Content, as determined using the test methods in Section 6.3.2.</p> <p>If the manufacturer does not recommend thinning, the container must display the VOC Content, as supplied. If the manufacturer recommends thinning, the container must display the VOC Content, including the maximum amount of thinning solvent recommended by the manufacturer. If the coating is a multicomponent product, the container must display the VOC content as mixed or catalyzed. If the coating contains silanes, siloxanes, or other ingredients that generate ethanol or other VOCs during the curing process, the VOC content must include the VOCs emitted during curing. VOC Content shall be determined as defined in subsections</p>	The non-SIP approved rule contain sections listed in the SIP rule plus additional requirements not found in the SIP version for colorants. Therefore, non-SIP version of rule is as stringent as SIP version.

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	<p>of a Faux Finishing coating system”.</p> <p>6.1.5 Industrial Maintenance Coatings: Each manufacturer of any industrial maintenance coating subject to this rule shall display on the label or lid of the container in which the coating is sold or distributed one or more of the following descriptions listed in Section 6.1.5.1 through 6.1.5.3.</p> <p>6.1.5.1 “For industrial use only”</p> <p>6.1.5.2 “For professional use only”</p> <p>6.1.5.3 “Not for residential use” or “Not intended for residential use”</p> <p>6.1.6 Clear Brushing Lacquers: The labels of all clear brushing lacquers shall prominently display the statements “For brush application only,” and “This product must not be thinned or sprayed.” (Category deleted effective January 1, 2011.)</p> <p>6.1.7 Rust Preventative Coatings: The labels of all rust preventative coatings shall prominently display the statement “For Metal Substrates Only”.</p> <p>6.1.8 Specialty Primers, Sealers and Undercoaters: Effective until December 31, 2010, the labels of all specialty primers, sealers and undercoaters shall prominently display one or more of the descriptions listed in Section 6.1.8.1 through 6.1.8.5. Effective on and after January 1, 2011, the labels of all specialty primers, sealers, and undercoaters shall prominently display one or more of the descriptions listed in Sections 6.1.8.1 through 6.1.8.3. On and after January 1, 2011, Sections 6.1.8.4 and 6.1.8.5 will be no longer effective.</p> <p>6.1.8.1 For fire-damaged substrates.</p> <p>6.1.8.2 For smoke-damaged substrates.</p> <p>6.1.8.3 For water-damaged substrates.</p> <p>6.1.8.4 For excessively chalky substrates.</p> <p>6.1.8.5 For blocking stains.</p> <p>6.1.9 Quick Dry Enamels: The labels of all quick dry enamels shall prominently display the words “Quick Dry” and the dry hard time. (Category deleted effective January 1, 2011.)</p> <p>6.1.10 Reactive Penetrating Sealers: Effective January 1, 2011, the labels of all Reactive Penetrating Sealers shall prominently display the statement “Reactive Penetrating Sealer.”</p> <p>6.1.11 Stone Consolidants: Effective January 1, 2011, the labels of all Stone Consolidants shall prominently display the statement “Stone Consolidant - For Professional Use Only.”</p> <p>6.1.12 Nonflat– High Gloss Coatings: The labels of all Nonflat – high gloss coatings shall prominently display the words “High Gloss.”</p>	<p>3.72, 3.73, and 3.74.</p> <p>6.1.4 Faux Finishing Coatings: The labels of all clear topcoat Faux Finishing coatings shall prominently display the statement “This product can only be sold or used as part of a Faux Finishing coating system”.</p> <p>6.1.5 Industrial Maintenance Coatings: Each manufacturer of any industrial maintenance coating subject to this rule shall display on the label or lid of the container in which the coating is sold or distributed one or more of the following descriptions listed in Section 6.1.5.1 through 6.1.5.3.</p> <p>6.1.5.1 “For industrial use only”</p> <p>6.1.5.2 “For professional use only”</p> <p>6.1.6 Rust Preventative Coatings: The labels of all rust preventative coatings shall prominently display the statement “For Metal Substrates Only”.</p> <p>6.1.7 Specialty Primers, Sealers and Undercoaters: The labels of all specialty primers, sealers, and undercoaters shall prominently display the statement “Specialty Primer, Sealer, Undercoater”</p> <p>6.1.8 Reactive Penetrating Sealers: The labels of all Reactive Penetrating Sealers shall prominently display the statement “Reactive Penetrating Sealer.”</p> <p>6.1.9 Stone Consolidants: The labels of all Stone Consolidants shall prominently display the statement “Stone Consolidant - For Professional Use Only.”</p> <p>6.1.10 Wood Coatings: The labels of all Wood Coatings shall prominently display the statement “For Wood Substrates Only.”</p> <p>6.1.11 Zinc Rich Primers: The labels of all Zinc Rich Primers shall prominently display the statement “For professional use only.”</p> <p>6.1.12 Colorants: Effective January 1, 2022, each manufacturer of any colorant subject to this rule shall display the information listed in subsections 6.1.12.1 and 6.1.12.2 on the container (or label) in which the colorant is sold or distributed.</p> <p>6.1.12.1 Date Code: The date the colorant was manufactured, or a date code representing the date, shall be indicated on the label, lid, or bottom of the container. If the manufacturer uses a date code for any colorant, the manufacturer shall file an explanation of each code with the APCO.</p> <p>6.1.12.2 VOC Content: Each container of any colorant subject to this rule shall display one of the following values in grams of VOC per liter of</p>	

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	<p>6.1.13 Wood Coatings: Effective January 1, 2011, the labels of all Wood Coatings shall prominently display the statement "For Wood Substrates Only."</p> <p>6.1.14 Zinc Rich Primers: Effective January 1, 2011, the labels of all Zinc Rich Primers shall prominently display one or more of the following descriptions listed in Section 6.1.14.1 through 6.1.14.3.</p> <p>6.1.14.1 "For industrial use only"</p> <p>6.1.14.2 "For professional use only"</p> <p>6.1.14.3 "Not for residential use" or "Not intended for residential use"</p>	<p>colorant.</p> <p>6.1.12.2.1 Maximum VOC Content as determined from all potential product formulations; or</p> <p>6.1.12.2.2 VOC Content as determined from actual formulation data; or</p> <p>6.1.12.2.3 VOC Content as determined using the test methods in subsection 6.3.2.</p> <p>If the colorant contains silanes, siloxanes, or other ingredients that generate ethanol or other VOCs during the curing process, the VOC content must include the VOCs emitted during curing. VOC Content shall be determined as defined in subsections 3.72, 3.73, and 3.74.</p>	
	<p>6.2 Reporting Requirements</p> <p>The reporting requirements specified in Sections 6.2.1 through 6.2.6 shall apply until December 31, 2010.</p> <p>6.2.1 Clear Brushing Lacquers: Each manufacturer of clear brushing lacquers shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of clear brushing lacquers sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.2 Rust Preventative Coatings: Each manufacturer of rust preventative coatings shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of rust preventative coatings sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.3 Specialty Primers, Sealers and Undercoaters: Each manufacturer of specialty primers, sealers and undercoaters shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of specialty primers, sealers and undercoaters sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.4 Toxic Exempt Compounds: For each architectural coating that contains perchloroethylene or methylene chloride, the manufacturer shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of</p>	<p>6.2 Reporting Requirements</p> <p>6.2.1 Sales Data: All sales data listed in Sections 6.2.1.1 to 6.2.1.14 shall be maintained on-site by the responsible official for a minimum of three years. A responsible official from each manufacturer shall upon request of the Executive Officer of CARB, or his or her delegate, provide data concerning the distribution and sales of architectural coatings. Sales data submitted by the responsible official to the Executive Officer of the ARB may be claimed as confidential, and such information shall be handled in accordance with the procedures specified in Title 17, California Code of Regulations Sections 91000-91022. The responsible official shall within 180 days provide information, including, but not limited to the data listed in Sections 6.2.1.1 through 6.2.1.14:</p> <p>6.2.1.1 The name and mailing address of the manufacturer;</p> <p>6.2.1.2 The name, address and telephone number of a contact person;</p> <p>6.2.1.3 The name of the coating product as it appears on the label and the applicable coating category;</p> <p>6.2.1.4 Whether the product is marketed for interior or exterior use or both;</p> <p>6.2.1.5 The number of gallons sold in California in containers greater than one liter (1.057 quart) and equal to or less than one liter (1.057 quart);</p> <p>6.2.1.6 The VOC Actual content and VOC Regulatory content in grams per liter. If thinning is recommended, list the VOC Actual content and VOC Regulatory content after maximum recommended thinning. If containers less</p>	<p>All the reporting requirements were removed except the sales data requirements presented in 2020 California Air Resources Board (ARB) Suggested Control Measures (SCM) for Architectural Coatings in order to make the amended rule consistent with SCM. Therefore, non-SIP version of rule is as stringent as SIP version.</p>

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	<p>the ARB the following information for products sold in the State during the preceding year:</p> <p>6.2.4.1 the product brand name and a copy of the product label with legible usage instructions;</p> <p>6.2.4.2 the product category listed in the Table of Standards 1 or the Table of Standards 2 to which the coating belongs;</p> <p>6.2.4.3 the total sales in California during the calendar year to the nearest gallon;</p> <p>6.2.4.4 the volume percent, to the nearest 0.10 percent, of perchloroethylene and methylene chloride in the coating.</p> <p>6.2.5 Recycled Coatings: Manufacturers of recycled coatings must submit a letter to the Executive Officer of the ARB certifying their status as a Recycled Paint Manufacturer. The manufacturer shall, on or before April 1 of each calendar year beginning with the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall include, for all recycled coatings, the total number of gallons distributed in the State during the preceding year, and shall describe the method used by the manufacturer to calculate State distribution.</p> <p>6.2.6 Bituminous Coatings: Each manufacturer of bituminous roof coatings or bituminous roof primers shall, on or before April 1 of each calendar year beginning with the year 2004, submit an annual report to the Executive Officer of ARB. The report shall specify the number of gallons of bituminous roof coatings or bituminous roof primers sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate state sales.</p> <p>6.2.7 Effective on and after January 1, 2011, Sales Data: All sales data listed in Sections 6.2.7.1 to 6.2.7.14 shall be maintained on-site by the responsible official for a minimum of three years. A responsible official from each manufacturer shall upon request of the Executive Officer of the ARB, or his or her delegate, provide data concerning the distribution and sales of architectural coatings. Sales data submitted by the responsible official to the Executive Officer of the ARB may be claimed as confidential, and such information shall be handled in accordance with the procedures specified in Title 17, California Code of Regulations Sections 91000-91022. The responsible official shall within 180 days provide information, including, but not limited to the data listed in Sections</p>	<p>than one liter have a different VOC content than containers greater than one liter, list separately. If the coating is a multi-component product, provide the VOC content as mixed or catalyzed;</p> <p>6.2.1.7 The names and CAS numbers of the VOC constituents in the product;</p> <p>6.2.1.8 The names and CAS numbers of any compounds in the product specifically exempted from the VOC definition;</p> <p>6.2.1.9 Whether the product is marketed as solvent-borne, waterborne, or 100% solids;</p> <p>6.2.1.10 Description of resin or binder in the product;</p> <p>6.2.1.11 Whether the coating is a single-component or multi-component product;</p> <p>6.2.1.12 The density of the product in pounds per gallon;</p> <p>6.2.1.13 The percent by weight of: solids, all volatile materials, water, and any compounds in the product specifically exempted from the VOC definition; and</p> <p>6.2.1.14 The percent by volume of: solids, water, and any compounds in the product specifically exempted from the VOC definition.</p>	

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	<p>6.2.7.1 through 6.2.7.14:</p> <p>6.2.7.1 the name and mailing address of the manufacturer;</p> <p>6.2.7.2 the name, address and telephone number of a contact person;</p> <p>6.2.7.3 the name of the coating product as it appears on the label and the applicable coating category;</p> <p>6.2.7.4 whether the product is marketed for interior or exterior use or both;</p> <p>6.2.7.5 the number of gallons sold in California in containers greater than one liter (1.057 quart) and equal to or less than one liter (1.057 quart);</p> <p>6.2.7.6 the VOC Actual content and VOC Regulatory content in grams per liter. If thinning is recommended, list the VOC Actual content and VOC Regulatory content after maximum recommended thinning. If containers less than one liter have a different VOC content than containers greater than one liter, list separately. If the coating is a multi-component product, provide the VOC content as mixed or catalyzed;</p> <p>6.2.7.7 the names and CAS numbers of the VOC constituents in the product;</p> <p>6.2.7.8 the names and CAS numbers of any compounds in the product specifically exempted from the VOC definition;</p> <p>6.2.7.9 whether the product is marketed as solvent-borne, waterborne, or 100% solids;</p> <p>6.2.7.10 description of resin or binder in the product;</p> <p>6.2.7.11 whether the coating is a single-component or multi-component product;</p> <p>6.2.7.12 the density of the product in pounds per gallon;</p> <p>6.2.7.13 the percent by weight of: solids, all volatile materials, water, and any compounds in the product specifically exempted from the VOC definition; and</p> <p>6.2.7.14 the percent by volume of: solids, water, and any compounds in the product specifically exempted from the VOC definition.</p>		
	<p>6.3 Test Methods</p> <p>The test methods listed below shall be used to demonstrate compliance with this rule. Alternate equivalent test methods</p>	<p>6.3 Test Methods</p> <p>The test methods listed below shall be used to demonstrate compliance with this rule. Alternate equivalent test</p>	<p>Numerous definitions were added, deleted or modified in order to make the amended rule</p>

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	<p>may be used provided the test methods have been approved by the APCO and EPA.</p> <p>6.3.1 Calculation of VOC Content: For the purpose of determining compliance with the VOC content limits in the Table of Standards 1 or the Table of Standards 2, the VOC content of a coating shall be determined as defined in Section 3.77, 3.78, or 3.79 as appropriate. The VOC content of a tint base shall be determined without colorant that is added after the tint base is manufactured. If the manufacturer does not recommend thinning, the VOC Content must be calculated for the product as supplied. If the manufacturer recommends thinning, the VOC Content must be calculated including the maximum amount of thinning solvent recommended by the manufacturer. If the coating is a multi-component product, the VOC content must be calculated as mixed or catalyzed. If the coating contains silanes, siloxanes, or other ingredients that generate ethanol or other VOC during the curing process, the VOC content must include the VOCs emitted during curing.</p> <p>6.3.2 VOC Content of Coatings: To determine the physical properties of a coating in order to perform the calculations in Section 3.77 and 3.79, the reference method for VOC content is EPA Method 24, except as provided in Sections 6.3.3 and 6.3.16. An alternative method to determine the VOC content of coatings is SCAQMD Method 304-91 (Revised February 1996). The exempt compounds content shall be determined by SCAQMD Method 303-91 (Revised 1993), BAAQMD Method 43 (Revised 1996), or BAAQMD Method 41 (Revised 1995), as applicable. To determine the VOC content of a coating, the manufacturer may use EPA Method 24, or an alternative method as provided in Section 6.3.3, formulation data, or any other reasonable means for predicting that the coating has been formulated as intended (e.g., quality assurance checks, recordkeeping). However, if there are any inconsistencies between the results of EPA Method 24 test and any other means for determining VOC content, the EPA Method 24 test results will govern, except when an alternative method is approved as specified in Section 6.3.3. The District Air Pollution Control Officer (APCO) may require the manufacturer to conduct an EPA Method 24 analysis.</p> <p>6.3.3 Alternative Test Methods: Other test methods demonstrated to provide results that are acceptable for purposes</p>	<p>methods may be used provided the test methods have been approved by the APCO and EPA.</p> <p>6.3.1 Calculation of VOC Content: For the purpose of determining compliance with the VOC content limits in Table 1 or the 2, the VOC content of a coating shall be determined as defined in Section 3.71, 3.72, or 3.73 as appropriate. The VOC content of a tint base shall be determined without colorant that is added after the tint base is manufactured. If the manufacturer does not recommend thinning, the VOC Content must be calculated for the product as supplied. If the manufacturer recommends thinning, the VOC Content must be calculated including the maximum amount of thinning solvent recommended by the manufacturer. If the coating is a multi-component product, the VOC content must be calculated as mixed or catalyzed. If the coating contains silanes, siloxanes, or other ingredients that generate ethanol or other VOC during the curing process, the VOC content must include the VOCs emitted during curing.</p> <p>6.3.2 VOC Content of Coatings: To VOC Content of Coatings or Colorants: To determine the physical properties of a coating or colorant in order to perform the calculations in Section 3.71 and 3.73, the reference method for VOC content is EPA Method 24, except as provided in Sections 6.3.3 and 6.3.15. An alternative method to determine the VOC content of coatings or colorants is SCAQMD Method 304-91 (Revised February 1996). The exempt compounds content shall be determined by SCAQMD Method 303-91 (Revised 1996), BAAQMD Method 43 (Revised 2005), or BAAQMD Method 41 (Revised 2005), as applicable. To determine the VOC content of a coating or colorant, the manufacturer may use EPA Method 24, or an alternative method as provided in Section 6.3.4, formulation data, or any other reasonable means for predicting that the coating or colorant has been formulated as intended (e.g., quality assurance checks, recordkeeping). However, if there are any inconsistencies between the results of EPA Method 24 test and any other means for determining VOC content, the EPA Method 24 test results will govern, except when an alternative method is approved as specified in Section 6.3.4. The District Air Pollution Control Officer (APCO) may require</p>	<p>consistent with definitions and rule requirements presented in 2020 California Air Resources Board (ARB) Suggested Control Measures (SCM) for Architectural Coatings. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	<p>of determining compliance with Section 6.3.2 4, after review and approved in writing by the staffs of the District, ARB and EPA, may also be used.</p> <p>6.3.4 Methacrylate Traffic Marking Coatings: Analysis of methacrylate multicomponent coatings used as traffic marking coatings shall be conducted according to a modification of EPA Method 24 (40 CFR 59, subpart D, Appendix A). This method has not been approved for methacrylate multicomponent coatings used for other purposes than as traffic marking coatings or for other classes of multicomponent coatings.</p> <p>6.3.5 Flame Spread Index: The flame spread index of a fire-retardant coating shall be determined by ASTM E84-07, "Standard Test Method for Surface Burning Characteristics of Building Materials" (see Section 3.0, Fire-Retardant Coating).</p> <p>6.3.6 Fire Resistance Rating: The fire resistance rating of a fire-resistive coating shall be determined by ASTM E119-07, "Standard Test Methods for Fire Tests of Building Construction Materials" (see Section 3.0, Fire-Resistive Coating).</p> <p>6.3.7 Gloss Determination: The gloss of a coating shall be determined by ASTM D523-89 (1999), "Standard Test Method for Specular Gloss" (see Section 3.0, Flat Coating, Nonflat Coating, Nonflat-High Gloss Coating and Quick-Dry Enamel).</p> <p>6.3.8 Metal Content of Coatings: The metallic content of a coating shall be determined by SCAQMD Method 318-95, Determination of Weight Percent Elemental Metal in Coatings by X-Ray Diffraction, <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3.0, Metallic Pigmented Coating, Aluminum Roof Coating and Faux Finish).</p> <p>6.3.9 Acid Content of Coatings: The acid content of a coating shall be determined by ASTM D1613-06, "Standard Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer and related products" (see Section 3.0, Pre-Treatment Wash Primer).</p> <p>6.3.10 Drying Times: The set-to-touch, dry-hard, dry-to-touch and dry-to-recoat times of a coating shall be determined by ASTM D1640-95, "Standard Test Methods for Drying, Curing, or Film Formation of Organic Coatings at Room Temperature" (see Section 3.0, Quick-Dry Enamel and Quick-Dry Primer, Sealer and Undercoater) The tack-free time of a quick-dry enamel coating shall be determined by the Mechanical Test Method of ASTM D1640-95. (Category</p>	<p>the manufacturer to conduct an EPA Method 24 analysis.</p> <p>6.3.3 To determine the VOC content of a coating or colorant with a VOC content of 150 g/l or less, the manufacturer may use SCAQMD Method 313, incorporated by reference in subsection 6.3.34, ASTM D6886-18, incorporated by reference in subsection 6.3.35, or any other reasonable means for predicting that the coating or colorant has been formulated as intended (e.g., quality assurance checks, record keeping).</p> <p>6.3.4 Alternative Test Methods: Other test methods demonstrated to provide results that are acceptable for purposes of determining compliance with Section 6.3.2 4, after review and approved in writing by the staffs of the District, ARB and EPA, may also be used.</p> <p>6.3.5 Methacrylate Traffic Marking Coatings: Analysis of methacrylate multicomponent coatings used as traffic marking coatings shall be conducted according to a modification of EPA Method 24 (40 CFR 59, subpart D, Appendix A). This method has not been approved for methacrylate multicomponent coatings used for other purposes than as traffic marking coatings or for other classes of multicomponent coatings.</p> <p>6.3.6 Flame Spread Index: The flame spread index of a fire-retardant coating shall be determined by ASTM E84-18B, "Standard Test Method for Surface Burning Characteristics of Building Materials" (see Section 3.0, Fire-Retardant Coating).</p> <p>6.3.7 Fire Resistance Rating: The fire resistance rating of a fire-resistive coating shall be determined by ASTM E119-18ce1, "Standard Test Methods for Fire Tests of Building Construction Materials" (see Section 3.0, Fire-Resistive Coating).</p> <p>6.3.8 Gloss Determination: The gloss of a coating shall be determined by ASTM D523-14 (2018), "Standard Test Method for Specular Gloss" (see Section 3.0, Flat Coating and Nonflat Coating).</p> <p>6.3.9 Metal Content of Coatings: The metallic content of a coating shall be determined by SCAQMD Method 318-95, Determination of Weight Percent Elemental Metal in Coatings by X-Ray Diffraction, <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3.0, Metallic Pigmented Coating, Aluminum Roof Coating and Faux Finish).</p> <p>6.3.10 Acid Content of Coatings: The acid content of a coating shall be</p>	

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	<p>deleted effective January 1, 2011.)</p> <p>6.3.11 Surface Chalkiness: The chalkiness of a surface shall be determined using ASTM D4214-98, "Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films"(see Section 3, Specialty Primer, Sealer and Undercoater). (Category deleted effective January 1, 2011.)</p> <p>6.3.12 Exempt Compounds—Siloxanes: Exempt compounds that are cyclic, branched, or linear completely methylated siloxanes, shall be analyzed as exempt compounds for compliance with Section 6 by BAAQMD Method 43, "Determination of Volatile Methylsiloxanes in Solvent-Based Coatings, Inks, and Related Materials," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 11/6/96 (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.13 Exempt Compounds—Parachlorobenzotrifluoride (PCBTF): The exempt compound parachlorobenzotrifluoride, shall be analyzed as an exempt compound for compliance with Section 6 by BAAQMD Method 41, "Determination of Volatile Organic Compounds in Solvent Based Coatings and Related Materials Containing Parachlorobenzotrifluoride," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 12/20/95 (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.14 Exempt Compounds: The content of compounds under U.S. EPA Method 24 shall be analyzed by SCAQMD Method 303-91 (Revised 1993), "Determination of Exempt Compounds," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.15 VOC Content of Coatings: The VOC content of a coating shall be determined by EPA Method 24 as it exists in appendix A of 40 <i>Code of Federal Regulations</i> (CFR) part 60, "Determination of Volatile Matter Content, Water Content, Density, Volume Solids and Weight Solids of Surface Coatings" (see Section 6.3.2).</p> <p>6.3.16 Alternative VOC Content of Coatings: <i>The VOC content of coatings may be analyzed either by U.S. EPA Method 24 or SCAQMD Method 304-91 (Revised 1996), "Determination of Volatile Organic Compounds (VOC) in Various Materials," SCAQMD Laboratory Methods of Analysis for Enforcement Samples.</i></p> <p>6.3.17 Methacrylate Traffic Marking Coatings: The VOC content of methacrylate multicomponent coatings used as traffic marking coatings shall be</p>	<p>determined by ASTM D1613-17, "Standard Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer and related products" (see Section 3.0, Pre-Treatment Wash Primer).</p> <p>6.3.11 Exempt Compounds—Siloxanes: Exempt compounds that are cyclic, branched, or linear completely methylated siloxanes, shall be analyzed as exempt compounds for compliance with Section 6 by BAAQMD Method 43, "Determination of Volatile Methylsiloxanes in Solvent-Based Coatings, Inks, and Related Materials," <i>BAAQMD Manual of Procedures</i>, Volume III, revised 2006 (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.12 Exempt Compounds—Parachlorobenzotrifluoride (PCBTF): The exempt compound parachlorobenzotrifluoride, shall be analyzed as an exempt compound for compliance with Section 6 by BAAQMD Method 41, "Determination of Volatile Organic Compounds in Solvent Based Coatings and Related Materials Containing Parachlorobenzotrifluoride," <i>BAAQMD Manual of Procedures</i>, Volume III, revised 2006 (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.13 Exempt Compounds: The content of compounds exempted under U.S. EPA Method 24 shall be analyzed by SCAQMD Method 303-91 (Revised 1996), "Determination of Exempt Compounds," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.14 VOC Content of Coatings: The VOC content of a coating shall be determined by EPA Method 24 as it exists in appendix A of 40 <i>Code of Federal Regulations</i> (CFR) part 60, "Determination of Volatile Matter Content, Water Content, Density, Volume Solids and Weight Solids of Surface Coatings" (see Section 6.3.2).</p> <p>6.3.15 Alternative VOC Content of Coatings: The VOC content of coatings may be analyzed either by U.S. EPA Method 24 or SCAQMD Method 304-91 (Revised 1996), "Determination of Volatile Organic Compounds (VOC) in Various Materials," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples.</i></p> <p>6.3.16 Methacrylate Traffic Marking Coatings: The VOC content of</p>	

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	<p>analyzed by the procedures in 40 CFR part 59, subpart D, appendix A, "Determination of Volatile Matter Content of Methacrylate Multicomponent Coatings Used as Traffic Marking Coatings" (September 11, 1998).</p> <p>6.3.18 Hydrostatic Pressure for Basement Specialty Coatings: The hydrostatic pressure resistance for basement specialty coatings shall be analyzed using ASTM D7088-04, "Standard Practice for Resistance to Hydrostatic Pressure for Coatings Used in Below Grade Applications Applied to Masonry".</p> <p>6.3.19 Tub and Tile Refinish Coating Adhesion: The adhesion of tub and tile coating shall be determined by ASTM D4585-99, "Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation" and ASTM D3359-02, "Standard Test Methods for Measuring Adhesion by Tape Test".</p> <p>6.3.20 Tub and Tile Refinish Coating Hardness: The hardness of tub and tile refinish coating shall be determined by ASTM D3363-05, "Standard Test Method for Film Hardness by Pencil Test".</p> <p>6.3.21 Tub and Tile Refinish Coating Abrasion Resistance: Abrasion resistance of tub and tile refinish coating shall be analyzed by ASTM D4060-07, "Standard Test Methods for Abrasion Resistance of Organic Coatings by the Taber Abraser".</p> <p>6.3.22 Tub and Tile Refinish Coating Water Resistance: Water resistance of tub and tile refinish coatings shall be determined by ASTM D4585-99, "Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation" and ASTM D714-02e1, "Standard Test Method for Evaluating Degree of Blistering of Paints".</p> <p>6.3.23 Waterproofing Membrane: Waterproofing membrane shall be tested by ASTM C836-06, "Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course".</p> <p>6.3.24 Mold and Mildew Growth for Basement Specialty Coatings: Mold and mildew growth resistance for basement specialty coatings shall be determined by ASTM D3273-00, "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber" and ASTM D3274-95, "Standard Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation".</p>	<p>methacrylate multicomponent coatings used as traffic marking coatings shall be analyzed by the procedures in 40 CFR part 59, subpart D, appendix A, "Determination of Volatile Matter Content of Methacrylate Multicomponent Coatings Used as Traffic Marking Coatings" (September 11, 1998).</p> <p>6.3.17 Hydrostatic Pressure for Basement Specialty Coatings: The hydrostatic pressure resistance for basement specialty coatings shall be analyzed using ASTM D7088-17, "Standard Practice for Resistance to Hydrostatic Pressure for Coatings Used in Below Grade Applications Applied to Masonry".</p> <p>6.3.18 Tub and Tile Refinish Coating Adhesion: The adhesion of tub and tile coating shall be determined by ASTM D4585/4585M-18, "Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation" and ASTM D3359-17, "Standard Test Methods for Measuring Adhesion by Tape Test".</p> <p>6.3.19 Tub and Tile Refinish Coating Hardness: The hardness of tub and tile refinish coating shall be determined by ASTM D3363-05 (2011)e2, "Standard Test Method for Film Hardness by Pencil Test".</p> <p>6.3.20 Tub and Tile Refinish Coating Abrasion Resistance: Abrasion resistance of tub and tile refinish coating shall be analyzed by ASTM D4060-14, "Standard Test Methods for Abrasion Resistance of Organic Coatings by the Taber Abraser".</p> <p>6.3.21 Tub and Tile Refinish Coating Water Resistance: Water resistance of tub and tile refinish coatings shall be determined by ASTM D4585/4585M-18, "Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation" and ASTM D714-02 (2017), "Standard Test Method for Evaluating Degree of Blistering of Paints".</p> <p>6.3.22 Waterproofing Membrane: Waterproofing membrane shall be ASTM C836/836M-18, "Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course".</p> <p>6.3.23 Mold and Mildew Growth for Basement Specialty Coatings: Mold and mildew growth resistance for basement specialty coatings shall be determined by ASTM D3273-16, "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an</p>	

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
	<p>6.3.25 Reactive Penetrating Sealer Water Repellency: Reactive penetrating sealer water repellency shall be analyzed by ASTM C67-07, "Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile"; or ASTM C97-02, "Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone"; or ASTM C140-06, "Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units".</p> <p>6.3.26 Reactive Penetrating Sealer Water Vapor Transmission: Reactive penetrating sealer water vapor transmission shall be analyzed ASTM E96/E96M-05, "Standard Test Method for Water Vapor Transmission of Materials".</p> <p>6.3.27 Reactive Penetrating Sealer - Chloride Screening Applications: Reactive penetrating sealers shall be analyzed by National Cooperative Highway Research Report 244 (1981), "Concrete Sealers for the Protection of Bridge Structures".</p> <p>6.3.28 Stone Consolidants: Stone consolidants shall be tested using ASTM E2167-01, "Standard Guide for Selection and Use of Stone Consolidants".</p>	<p>Environmental Chamber" and ASTM D3274-09 (2017), "Standard Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Fungal or Algal Growth or Soil and Dirt Accumulation". 6.3.25 Reactive Penetrating Sealer Water Repellency: Reactive penetrating sealer water repellency shall be analyzed by ASTM C67-07, "Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile"; or ASTM C97-02, "Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone"; or ASTM C140-06, "Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units".</p> <p>6.3.24 Reactive Penetrating Sealer Water Repellency: Reactive penetrating sealer water repellency shall be analyzed by ASTM C67/C67M-18, "Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile"; or ASTM C97/97M-18, "Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone"; or ASTM C140-140M-18a, "Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units"</p> <p>6.3.25 Reactive Penetrating Sealer Water Vapor Transmission: Reactive penetrating sealer water vapor transmission shall be analyzed ASTM E96/E96M-16, "Standard Test Method for Water Vapor Transmission of Materials" or ASTM D6490-99 (2014), "Standard Test Method for Water Vapor Transmission of Nonfilm Forming Treatments Used on Cementitious Panels".</p> <p>6.3.26 Reactive Penetrating Sealer - Chloride Screening Applications: Reactive penetrating sealers shall be analyzed by National Cooperative Highway Research Report 244 (1981), "Concrete Sealers for the Protection of Bridge Structures".</p> <p>6.3.27 Stone Consolidants: Stone consolidants shall be tested using ASTM E2167-01 (2008), "Standard Guide for Selection and Use of Stone Consolidants".</p> <p>6.3.28 Building Envelope Coating Air Permeance of Building Materials: ASTM E2178-13, "Standard Test Method for Air Permeance of Building Materials".</p> <p>6.3.29 Building Envelope Coating Water Penetration Testing: ASTM E331-00 (2016), "Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air</p>	

Requirement Category	SIP Version of Rule 4601 (12/17/09)	Non-SIP Version of Rule 4601 (4/16/20)	Conclusion
		Pressure Difference". 6.3.30 Building Envelope Coating Water Vapor Transmission: ASTM E96/96M-16, "Standard Test Methods for Water Vapor Transmission of Materials". 6.3.31 Tile and Stone Sealers Absorption: ASTM C373-18, "Standard Test Methods for Determination of Water Absorption and Associated Properties by Vacuum Method for Pressed Ceramic Tile and Glass Tiles and Boil Method for Extruded Ceramic Tiles and Non-tile Fired Ceramic Whiteware Products"; or ASTM C97/97M-18, "Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone"; or ASTM C642-13, "Standard Test Method for Density, Absorption, and Voids in Hardened Concrete". 6.3.32 Tile and Stone Sealers – Static Coefficient of Friction: ANSI A137.1 (2012), "American National Standard of Specifications for Ceramic Tile". 6.3.33 Tile and Stone Sealers Water Vapor Transmissions: ASTM E96/96M-16, "Standard Test Methods for Water Vapor Transmission of Materials". 6.3.34 VOC Content of Coatings: South Coast AQMD Method 313, "Determination of Volatile Organic Compounds (VOC) by Gas Chromatography/Mass Spectrometry/Flame Ionization Detection (GS/MS/FID)". 6.3.35 VOC Content of Coatings: ASTM D6886-18, "Standard Test Method for Determination of the Weight Percent Individual Volatile Organic Compounds in Waterborne Air-Dry Coatings by Gas Chromatography".	
7.0 Compliance Schedule	Persons subject to this rule shall be in compliance with this rule by the dates specified within the rule.	Persons subject to this rule shall be in compliance with this rule by the dates specified within the rule.	No change in the requirements, therefore, non-SIP version of rule is as stringent as SIP version.

District Rule 4601 was amended (4/16/20). As analyzed, each amended section of the non-SIP version of the rule is at least as stringent as, or more stringent than the corresponding section of the SIP version of the rule. Therefore, it is concluded that overall the non-SIP version of the rule is more stringent than the SIP version of the rule.

Here is the link to 2020 California Air Resources Board (ARB) Suggested Control Measures (SCM) for Architectural Coatings:

https://ww2.arb.ca.gov/sites/default/files/2020-07/2020SCM_final.pdf

Table 1 VOC Content Limits for Coatings

COATING CATEGORY	Current Rule 4601 VOC Limit (g/l) Effective on and after 1/1/2012	Amended Rule 4601 VOC Limit (g/l) Effective on and after 1/1/2022
Flat Coatings	50	50
Nonflat Coatings	100	50
Specialty Coatings -		
Aluminum Roof Coatings	400	100
Basement Specialty Coatings	400	400
Bituminous Roof Coatings	50	50
Bituminous Roof Primers	350	350
Bond Breakers	350	350
Building Envelope Coatings	-	50
Concrete Curing Compounds	350	350
Concrete/Masonry Sealers	100	100
Driveway Sealers	50	50
Dry Fog Coatings	150	50
Faux Finishing Coatings	350	350
Fire Resistive Coatings	350	150
Floor Coatings	100	50
Form-Release Compounds	250	100
Graphic Arts Coatings (Sign Paints)	500	500
High Temperature Coatings	420	420
Industrial Maintenance Coatings	250	250
Low Solids Coatings ¹²	120 ¹	120 ¹
Magnesite Cement Coatings	450	450
Mastic Texture Coatings	100	100
Metallic Pigmented Coatings	500	500
Multi-Color Coatings	250	250
Pre-Treatment Wash Primers	420	420
Primers, Sealers, and Undercoaters	100	100
Reactive Penetrating Sealers	350	350
Recycled Coatings	250	250
Roof Coatings	50	50
Rust Preventative Coatings	250	250
Shellacs:		
Clear	730	730
Opaque	550	550
Specialty Primers, Sealers, and Undercoaters	100	100
Stains	250	100
Interior Stains	250	
Stone Consolidants	450	450
Swimming Pool Coatings	340	340
Tile and Stone Sealers	100	
Traffic Marking Coatings	100	100
Tub and Tile Refinish Coatings	420	420
Waterproofing Membranes	250	100
Wood Coatings	275	275
Wood Preservatives	350	350
Zinc-Rich Primers	340	340

Table 2 VOC Content Limits for Colorants

Colorants Added To	VOC Limit (g/l) Effective on and after 1/1/2022
Architectural Coatings, excluding Industrial Maintenance Coatings	50
Solvent Based Industrial Maintenance Coatings	600
Waterborne Industrial Maintenance Coatings	50
Wood Coatings	600