

August 3, 2022

Justin McManis
McManis Family Vineyards
18700 E River Rd
Ripon, CA 95366

RE: Final - Authority to Construct / Certificate of Conformity (Significant Modification)
Facility Number: N-9371
Project Number: N-1183142

Dear Mr. McManis:

The Air Pollution Control Officer has issued the Authority to Construct permit to McManis Family Vineyards to allow red wine fermentation in twenty-four 36,600-gallon (each) existing wine storage tanks, at 18700 E River Rd, in Ripon, California. Enclosed are the Authority to Construct permits (Attachment III) and a copy of the notice of final action that has been posted on the District's website (www.valleyair.org).

Notice of the District's preliminary decision to issue the Authority to Construct permit was posted on May 23, 2022. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on May 24, 2022. All comments received following the District's preliminary decision on this project were considered. These comments are included in Attachment I to this letter.

Comments received by the District during the public notice period did not result any changes to the proposed Authority to Construct permits or associated application review analysis. The District response to these comments is included in Attachment II of this letter.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

Prior to operating with the modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5. Application forms have been enclosed for your use. These forms may also be found on the District's website at www.valleyair.org.

Samir Sheikh
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: (661) 392-5500 FAX: (661) 392-5585

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian Clements". The signature is fluid and cursive, with a long horizontal stroke at the beginning.

Brian Clements
Director of Permit Services

BC: JK

Enclosures

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

Attachment I
Public Comments



COMMENT ON

San Joaquin Valley Air Pollution Control District
ATC Application Review/Project Number N-1183142

The McManis Family Vineyards has proposed to convert twenty-four 100-ton stainless steel tanks, originally permitted only for wine storage, to be used for red wine fermentation.

The proposal, if granted, would allow an additional 27,675 lbs of VOC to be emitted annually during the peak ozone season in the San Joaquin Valley.

We take issue with the presentation of facts, and the conclusion drawn by District staff, that available technologies cannot be reasonably expected to control these emissions.

Key information is missing from the District's documentation, such as the kinetic modelling used to estimate the vapor flow rates over a fermentation cycle, so our comments will necessarily be general.

Comments and questions on this ATC application follow:

1. Tank working capacity

The tanks for this application are referred to as 100-ton tanks, and tanks so specified typically have working volumes for red wine fermentation of around 29,000 gallons. The tanks are also referred to in the application as 36,600-gallon tanks. It is not clear whether this is a working volume or capacity. Working volumes, especially for red wine fermentations, are typically about 80% of tank capacity to allow for cap expansion and to avoid foam-over events and loss of product. One reason this is important for this application is that the tank volumes are close to those in the SBCAPCD BACT guideline 4.1. The application should be clear on the must capacity of these tanks and the effective working volume during fermentation.

2. Tank design

- Fermentation tanks are designed differently than the typical storage-only tanks, especially for red fermenters. This is in part, because a sloping floor is required in a red fermentation tank to allow the grape skins and seeds to be mucked out at the end of fermentation. When the storage tanks, now slated for conversion to fermentation tanks, were initially permitted, were they permitted as combined storage and fermentation? Fermentation tank permit applications in the SJV have been limited in recent years while storage tank permits requests have been much more frequent.
3. We take exception with the District's characterization of difference between SJV wine fermentation and other locations in the state where commercial wine production takes place (Top-Down BACT pg. ii). Not only is the layout and equipment configuration of every winery unique, but each winemaker has his or her own approaches to vineyard and vinification practices. Emission control equipment is designed and installed with that understanding and with the goal of not interfering in the winemaker's art and practice.
4. While the kinetics of CO₂ emissions, accompanied by the volatile compounds stripped away during fermentation, are complex --- the relevant atmospheric release of VOCs is dominated by a few key factors. These include a.) the sugar content of the harvested grapes, b.) volume of must, and c.) the temperature profile of the fermentation process. While there are many other minor factors involved in the process, these three dominate in release of uncontrolled emissions. The District fails in the Top-Down BACT analysis to justify how the design and practice of the applicant would prevent available control technologies to effectively capture and control emissions from these twenty-four tanks.
5. The District relied heavily in its analysis on a fermentation kinetics model that was not contained in or linked to the BACT analysis (therefore the assumptions, inputs, calculations and results of the model could not be evaluated by us in time to provide these comments). It is the responsibility and practice, when installing an emission control system, to work with the applicant and design to their actual production process, and not simply carry over a design utilized previously at a different winery.

6. Much was made in the District's presentation (Top-Down BACT, pgs. iv-vi) of the high temperature of the incoming grapes at McManis, and, as a result, fermentation starts almost immediately. This was contrasted with an initial cold soak, which is the common practice at the Santa Maria Winery. The BACT analysis implies that the cold-soak practice is somehow related to control of vapor emissions. During cold soak, fermentation is slow or stopped and does not begin until yeast is pitched, and the tank temperature increased. This practice is the winemaker's stylistic approach for their wine, and has nothing to do with a mechanism for emission control.
7. The District makes note of differences in starting temperatures, very slight differences in initial °Brix, and the fermentation durations between the current application and the Santa Maria Winery. These are all common differences in winemaking practice that must be taken into account when designing an appropriate emission control system. The key winemaking factor to consider in design of an emission control system is the profile and time course of must temperatures and Brix reduction over a full fermentation cycle.
8. While the fermentation kinetic model relied upon by the District was not presented, and therefore did not contain relevant model details, on page v of the Top-Down BACT analysis, the District states: "...the same 19,980 gallon volume of grape must fermented in a single 100-ton fermenter at McManis winery results in a peak flow rate of 188 acfm". A rough estimate indicates that such a flow rate would derive from an average must temperature exceeding 90 °F, and with most of the sugar consumed in a single day. We question whether that is the intended fermentation cycle and processing at the winery.
9. We do not understand where the District gets the idea that lowering grape must temperature, as in an initial cold soak, would be required. Again, on pg. v of the Top-Down BACT analysis, the District states that cold soak "is not an option for the McManis Family Vineyards, as adopting this practice would result in significant deviation from their historical wine making practice...". Nowhere has it been suggested that McManis would or should modify their winemaking practice. What is required for effective emission

control is it to match the size and design of a control system to be consistent with the winemaking practices of McManis.

10. On pg vii of the Top-Down BACT analysis, the District implies incorrectly that fermentation gas flows are purposely controlled in Santa Maria by adjusting their winemaking practices: "all of which afford them the ability to control total fermentation gas flowrate such that it does not exceed the rated capacity of the NoMoVo system...". This is an important misunderstanding on the part of the District; as the installed system was designed to match the winemaking practice prior to installation of VOC controls. Winemaking is not altered to accommodate the control system---the other way around, the control system is designed to accommodate winemaking practice.
11. The cost-effectiveness analysis of feasible options, beginning on page viii of the Top-Down BACT analysis present a series of Rube Goldberg contraptions and installations that would never be proposed in the real world. These appear to be in the form of presumed results (cost-ineffective options) in search of an analysis.
12. The capture and control system "designed" by District staff for Option 4 (beginning on page xxii of the Top-Down BACT analysis) is, quite frankly, pure fiction. Our company would never propose three PAS 100 units for this installation -- with common ductwork and a grossly oversized chiller. Much of the projected capital cost in the District analysis is for ductwork, chiller, an unnecessary CIP system, and related installation of the above equipment. Given the relatively small size of these fermentation tanks, and the cost-avoidance possible by not ducting to a common condenser, we most likely would propose smaller distributed condensers, with sanitary spirit-grade hoses connecting to the condensers.
13. Chilling for the smaller condensers could be handled with paired small chillers, or by sharing the house chiller. The District has overestimated (pg. xxvi) by more than an order of magnitude the chilling capacity required for the condensers to affect vapor capture. Condensers need only decrease the temperature of air (as the fluid) passing through the condensers by no more than 40-60 °F.

We conclude that the District analysis and rationale is specious in recommending that the only available emission control is to keep average fermentation temperatures below 95°F. We believe that working with the winery to install a control system that would not interfere with their winemaking process, could be delivered for under the cost threshold for avoided VOC emissions.

Attachment II
District Response to Public Comments

District Responses to EcoPAS/Aromatica Comments on McManis Family Vineyards Project N-1183142

1. Tank working capacity

The tanks for this application are referred to as 100-ton tanks, and tanks so specified typically have working volumes for red wine fermentation of around 29,000 gallons. The tanks are also referred to in the application as 36,600-gallon tanks. It is not clear whether this is a working volume or capacity. Working volumes, especially for red wine fermentations, are typically about 80% of tank capacity to allow for cap expansion and to avoid foam-over events and loss of product. One reason this is important for this application is that the tank volumes are close to those in the SBCAPCD BACT guideline 4.1. The application should be clear on the must capacity of these tanks and the effective working volume during fermentation.

District Response:

The application submitted to the District specifies a tank capacity of 36,600 gallons for each of the tanks proposed in this project. SBCAPCD BACT Guideline 4.1 is applicable to Wine Fermentation Tanks: Closed Top \leq 30,000 gallons, and page 1 of SBCAPCD's "Achieved in Practice Determination for Wine Fermentation Emission Control"¹ clearly states that the 30,000-gallon threshold is based on tank capacity. Therefore, the 36,600-gallon capacity tanks proposed in this project exceed the capacity threshold established by SBCAPCD for BACT Guideline 4.1. Nevertheless, the District still considered the equipment and installations upon which SBCAPCD based its BACT analysis and Achieved in Practice Determination.

2. Tank design

Fermentation tanks are designed differently than the typical storage-only tanks, especially for red fermenters. This is in part, because a sloping floor is required in a red fermentation tank to allow the grape skins and seeds to be mucked out at the end of fermentation. When the storage tanks, now slated for conversion to fermentation tanks, were initially permitted, were they permitted as combined storage and fermentation? Fermentation tank permit applications in the SJV have been limited in recent years while storage tank permits requests have been much more frequent.

¹ <https://www.ourair.org/wp-content/uploads/Winery-Achieved-in-Practice-Memo-Revised-6-1-2018.pdf>

District Response:

The tanks were originally permitted as storage tanks and the current permits only allow for the storage of wine in the tanks. While permitted for storage only, the tanks were constructed in a manner where fermentation capability could be added in the future. This project is to modify the permits to allow for wine fermentation capability in these tanks.

3. We take exception with the District's characterization of difference between SJV wine fermentation and other locations in the state where commercial wine production takes place (Top-Down BACT pg. ii). Not only is the layout and equipment configuration of every winery unique, but each winemaker has his or her own approaches to vineyard and vinification practices. Emission control equipment is designed and installed with that understanding and with the goal of not interfering in the winemaker's art and practice.

District Response:

While it is true that each winemaker may choose his or her own approach to vineyard and vinification practices, the vinification practices utilized by Santa Maria Winery are not feasible for McManis Family Vineyards. The primary differences between Santa Maria Winery and McManis Family Vineyards is the temperature of the grapes received, which is directly related to the geographical location of the wineries, and the manner in which the grapes are processed. As explained in the District's Top-Down BACT Analysis, due to the Central Valley location, McManis Family Vineyards receives grapes at a higher average temperature, which requires McManis Family Vineyards to ferment their grapes immediately with no option of delaying fermentation using a process such as the cold-soak process utilized by Santa Maria Winery. Furthermore, the difference in incoming grape temperature results in a much higher peak exhaust flow rate for tanks at McManis Family Vineyards when compared to Santa Maria Winery, for the same wine fermentation volume. Thus, the primary differences that affected the result of the District's BACT determination were not based on preferences of the winemaker at each facility; rather, they were based on physical differences resulting from the geographical location of the wineries and the manner in which the grapes are processed.

4. While the kinetics of CO₂ emissions, accompanied by the volatile compounds stripped away during fermentation, are complex --- the relevant atmospheric release of VOCs is dominated by a few key factors. These include a.) the sugar content of the harvested grapes, b.) volume of must, and c.) the temperature profile of the fermentation process. While there are many other minor factors involved in the process, these three dominate in release of uncontrolled emissions. The District fails in the Top-Down BACT analysis to justify how the design and practice of the applicant would prevent available control technologies to effectively capture and control emissions from these twenty-four tanks.

District Response:

The District did not claim that the applicant's winery design and winemaking practices would prevent available control technologies from effectively capturing and controlling emissions from the proposed wine fermentation tanks. In fact, the District considered wine fermentation controls to be technologically feasible for capturing and controlling emissions from the proposed tanks, and performed a cost analysis to determine whether the use of such controls is cost effective. The District did, however, demonstrate that wine fermentation controls have not been Achieved in Practice for wineries located in SJVAPCD, which cannot physically operate in the same manner as those upon which the SBCAPCD BACT Guideline 4.1 is based. As stated earlier as well as in the District's BACT analysis, valley wineries receive grapes at much higher temperatures, resulting in significantly higher peak gas flow rates for the same fermentation volume when compared to gas flow rates expected from the wine making operations upon which the SBCAPCD BACT determination is based. Consequently, the District does not consider the use of fermentation controls to have been demonstrated as an achieved in practice control technology for McManis Family Vineyards, which operates differently than the wineries in SBAPCD.

5. The District relied heavily in its analysis on a fermentation kinetics model that was not contained in or linked to the BACT analysis (therefore the assumptions, inputs, calculations and results of the model could not be evaluated by us in time to provide these comments). It is the responsibility and practice, when installing an emission control system, to work with the applicant and design to their actual production process, and not simply carry over a design utilized previously at a different winery.

District Response:

Understanding and evaluating the conditions under which a control technology was operated in order to achieve a level of emissions control is an important part of the District's BACT analysis. Neither the SBCPACD nor the Santa Maria Winery were able to provide actual fermentation gas flowrate data for the installation upon which SBCAPCD's BACT Guideline 4.1 was based, so it was not possible to compare the fermentation gas flow rate conditions at the Santa Maria Winery to those that would be expected at the McManis winery. Therefore, a fermentation kinetics model was used to facilitate this gas flow rate comparison. The fermentation kinetics model was based upon the actual operating conditions at the Santa Maria and McManis Family Vineyards wineries.

6. Much was made in the District's presentation (Top-Down BACT, pgs. iv-vi) of the high temperature of the incoming grapes at McManis, and, as a result, fermentation starts almost immediately. This was contrasted with an initial cold soak, which is the common practice at the Santa Maria Winery. The BACT analysis implies that the cold-soak practice is somehow related to control of vapor emissions. During cold soak, fermentation is slow or stopped and does not begin until yeast is pitched, and the tank temperature increased. This practice is the winemaker's stylistic approach for their wine, and has nothing to do with a mechanism for emission control.

District Response:

The difference in the temperature of grapes at the onset of fermentation affects the fermentation time and significantly affects the peak gas flow rate from the fermentation tanks as demonstrated in the District's analysis. While cold soak practices may be a stylistic difference in winemaking, the use of cold soak practices may also allow a winery to stagger fermentation in a battery of tanks such that the peak flow rate from the battery of fermentation tanks is maintained at a level that does not overwhelm the control system. McManis Family Vineyards does not have the option to use cold soak practices due to the temperature of the grapes they receive; consequently, McManis Family Vineyards does not have the same operational flexibility available to SBCAPCD wineries to keep their fermentation gas flow rates low by staggering fermentation. The District believes this difference is one of many that are relevant when evaluating and comparing the conditions under which a particular technology has been used to achieve a level of emissions control.

7. The District makes note of differences in starting temperatures, very slight differences in initial °Brix, and the fermentation durations between the current application and the Santa Maria Winery. These are all common differences in winemaking practice that must be taken into account when designing an appropriate emission control system. The key winemaking factor to consider in design of an emission control system is the profile and time course of must temperatures and Brix reduction over a full fermentation cycle.

District Response:

The differences in starting temperatures and initial °Brix result in a significant difference in the peak gas flow rates from the fermentation operations of the two wineries modeled. Furthermore, McManis Family Vineyards cannot simply make a choice to change their winemaking practice to start fermentation at a lower temperature. Rather, they are constrained by the temperature of incoming grapes and must ferment at higher temperatures, resulting in higher peak gas flow rates from their fermenters.

8. While the fermentation kinetic model relied upon by the District was not presented, and therefore did not contain relevant model details, on page v of the Top-Down BACT analysis, the District states: "...the same 19,980 gallon volume of grape must fermented in a single 100-ton fermenter at McManis winery results in a peak flow rate of 188 acfm". A rough estimate indicates that such a flow rate would derive from an average must temperature exceeding 90 °F, and with most of the sugar consumed in a single day. We question whether that is the intended fermentation cycle and processing at the winery.

District Response:

The kinetic model relied on McManis Family Vineyards actual fermentation conditions as inputs, with a fermentation temperature of 80 °F, and assumed most of the sugar would be consumed within 55 hours of the onset of fermentation.

9. We do not understand where the District gets the idea that lowering grape must temperature, as in an initial cold soak, would be required. Again, on pg. v of the Top-Down BACT analysis, the District states that cold soak "is not an option for the McManis Family Vineyards, as adopting this practice would result in significant deviation from their historical wine making practice...". Nowhere has it been suggested that McManis would or should modify their winemaking practice. What is required for effective emission control is it to match the size and design of a control system to be consistent with the winemaking practices of McManis.

District Response:

The District did not assume a cold soak is required for fermentation controls to be utilized at McManis Family Vineyards. The references to "cold soak" were intended to highlight differences in operational practices between the Santa Maria Winery and the McManis winery, and to demonstrate that use of a cold soak process is not an option that can be used to stagger fermentation at McManis Family Vineyards such that a lower combined peak flow rate could be achieved for a tank battery with tank exhausts manifolded to a single control device.

10. On pg vii of the Top-Down BACT analysis, the District implies incorrectly that fermentation gas flows are purposely controlled in Santa Maria by adjusting their winemaking practices: "all of which afford them the ability to control total fermentation gas flowrate such that it does not exceed the rated capacity of the NoMoVo system...". This is an important misunderstanding on the part of the District; as the installed system was designed to match the winemaking practice prior to installation of VOC controls. Winemaking is not altered to accommodate the control system---the other way around, the control system is designed to accommodate winemaking practice.

District Response:

The winemaking practices historically used at Santa Maria Winery result in lower peak flow rates for the same fermentation volume when compared with the winemaking practices used by McManis Family Vineyards. Furthermore, McManis Family Vineyards cannot receive grapes at lower temperature and has no option to stagger fermentation to allow for a smaller combined peak flow rates for a tank battery vented to a single control device. The District agrees with your statement: “Winemaking is not altered to accommodate the control system—the other way around, the control system is designed to accommodate winemaking practice.” In this case, the winemaking practices at the Santa Maria Winery are such that the gas flow conditions for the control system upon which SBCAPCD based its BACT determination are significantly different than what is expected at the McManis winery. Consequently, it is reasonable to assume that the design of a wine fermentation emissions control system at the McManis winery would need to be different from that employed at the Santa Maria Winery. Since the fermentation conditions at the McManis winery are different from those at the Santa Maria Winery, the District considers fermentation controls to be technologically feasible and not achieved in practice for wineries with similar operational characteristics to McManis Family Vineyards.

11. The cost-effectiveness analysis of feasible options, beginning on page viii of the Top-Down BACT analysis present a series of Rube Goldberg contraptions and installations that would never be proposed in the real world. These appear to be in the form of presumed results (cost-ineffective options) in search of an analysis.

District Response:

The District did not presume a result to its analysis. Rather, the District began its analysis considering an emission control system configuration consisting of a battery of wine tanks connected to an emission control device via a common vapor piping manifold. This configuration is similar to the configuration employed at the Santa Maria Winery upon which SBCAPCD’s BACT determination is based, and is consistent with the control system configuration recommended in the California Air Resources Board’s (CARB) October 7, 1986 Technical Reference Document titled “A Suggested Control Measure for Control of Ethanol Emissions from Winery Fermentation Tanks”. The District’s analysis considered all relevant costs for equipment and appurtenances for this control system configuration, which were based in part on information provided the winery, control device vendors, and SBCAPCD’s own BACT determination. The District then analyzed those costs to determine whether they are reasonable, and used those costs along with EPA-approved cost analysis methodologies to determine the cost effectiveness of each control option.

12. The capture and control system “designed” by District staff for Option 4 (beginning on page xxii of the Top-Down BACT analysis) is, quite frankly, pure fiction. Our company would never propose three PAS 100 units for this installation -- with common ductwork and a grossly oversized chiller. Much of the projected capital cost in the District analysis is for ductwork, chiller, an unnecessary CIP system, and related installation of the above equipment. Given the relatively small size of these fermentation tanks, and the cost-avoidance possible by not ducting to a common condenser, we most likely would propose smaller distributed condensers, with sanitary spirit-grade hoses connecting to the condensers.

District Response:

As previously discussed, an emission control system configuration consisting of a battery of wine fermentation tanks connected to an emissions control device via a common vapor manifold is the recommended configuration in CARB’s 1986 Technical Reference Document titled “A Suggested Control Measure for Control of Ethanol Emissions from Winery Fermentation Tanks”, and is also the configuration upon which the SBCAPCD’s BACT determination is based. Moreover, in their 1986 Technical Reference Document, CARB noted that foam entering the vapor piping manifold and contamination are potential concerns, and they recommended the inclusion of a foam separator and an automated Clean-in-Place (CIP) system to overcome these problems.

Furthermore, as explained in the District’s BACT analysis, the assumption that three PAS-100 units would be required for the McManis project was based a March 2016 cost quotation from Patrick Thompson of EcoPAS for a wine fermentation project at a SJVAPCD winery with a similar total annual wine fermentation volume (4.3 million gallons/year) as that proposed for the McManis winery project (4.5 million gallons/yr). This 2016 cost quotation indicated that three PAS-100 condensers would be required for a battery of eight wine fermentation tanks with a total fermentation volume of 4.3 million gallons/year. Please refer to the District’s response to Item # 13 for a discussion of chiller capacity.

13. Chilling for the smaller condensers could be handled with paired small chillers, or by sharing the house chiller. The District has overestimated (pg. xxvi) by more than an order of magnitude the chilling capacity required for the condensers to affect vapor capture. Condensers need only decrease the temperature of air (as the fluid) passing through the condensers by no more than 40-60 °F.

District Response:

As noted in the Top-Down BACT analysis, McManis currently rents portable chillers during each crush season as their chilling load currently exceeds their in-house chilling system capacity. Since McManis does not have surplus in-house chiller capacity to accommodate a condenser unit, a separate chiller system would be required in order to properly operate an emission control system with condenser system such as the PAS-100 units. To determine the chilling capacity required for the PAS-100 units, the applicant's consultant used the fermentation gas flow conditions from the kinetic model and assumed the temperature of glycol coolant required for the PAS-100 units would need to be between 34 °F and 40 °F, which is consistent with the recommendation in EcoPAS' PAS Operator Manual (Version 2015-1.0). This data, along with vendor estimates were used to determine the chilling load and chiller costs necessary to support a condensation system.

**Attachment III
Authorities to Construct**



Facility # N-9371
MCMANIS FAMILY VINEYARDS
18700 E RIVER RD
RIPON, CA 95366

AUTHORITY TO CONSTRUCT (ATC)

QUICK START GUIDE

1. **Pay Invoice:** Please pay enclosed invoice before due date.
2. **Modify Your Title V Permit.** Prior to operating the equipment authorized under this ATC, submit an application to modify your Title V permit. See application forms at <http://www.valleyair.org/permits/TVforms>.
3. **Fully Understand ATC:** Make sure you understand ALL conditions in the ATC prior to construction, modification and/or operation.
4. **Follow ATC:** You must construct, modify and/or operate your equipment as specified on the ATC. Any unspecified changes may require a new ATC.
5. **Notify District:** You must notify the District's Compliance Department, at the telephone numbers below, upon start-up and/or operation under the ATC. Please record the date construction or modification commenced and the date the equipment began operation under the ATC. You may NOT operate your equipment until you have notified the District's Compliance Department. A startup inspection may be required prior to receiving your Permit to Operate.
6. **Source Test:** Schedule and perform any required source testing. See http://www.valleyair.org/busind/comply/source_testing.htm for source testing resources.
7. **Maintain Records:** Maintain all records required by ATC. Records are reviewed during every inspection (or upon request) and must be retained for at least 5 years. Sample record keeping forms can be found at http://www.valleyair.org/busind/comply/compliance_forms.htm.

By operating in compliance, you are doing your part to improve air quality for all Valley residents.

For assistance, please contact District Compliance staff at any of the telephone numbers listed below.

Samir Sheikh

Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: (661) 392-5500 FAX: (661) 392-5585

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-344-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #AAA-1) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-344-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-344-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-345-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #AAA-2) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-345-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-345-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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



AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-346-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #AAA-3) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-346-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-346-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-347-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #AAA-4) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

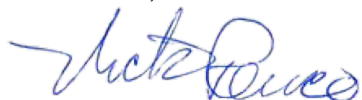
CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-347-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-347-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-348-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #AAA-5) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-348-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-348-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-349-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #AAA-6) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-349-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-349-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-350-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #AAA-7) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-350-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-350-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-351-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #AAA-8) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-351-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-351-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-352-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #FFF-1) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-352-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-352-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-353-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #FFF-2) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK


CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-353-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-353-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-354-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #FFF-3) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-354-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-354-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-355-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #FFF-4) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-355-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-355-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
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11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
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14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
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18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-356-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #FFF-5) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

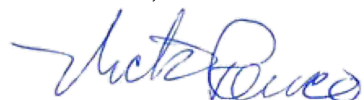
CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-356-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-356-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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



AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-357-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #FFF-6) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-357-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO

Brian Clements, Director of Permit Services

N-9371-357-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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



AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-358-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #FFF-7) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-358-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO

Brian Clements, Director of Permit Services

N-9371-358-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-359-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #FFF-8) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

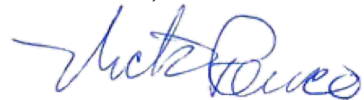
CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-359-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-359-1 : Aug 3 2022 1:05PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-360-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #GGG-1) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-360-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-360-1 : Aug 3 2022 1:06PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-361-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #GGG-2) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-361-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-361-1 : Aug 3 2022 1:06PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-362-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #GGG-3) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-362-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-362-1 : Aug 3 2022 1:06PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-363-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #GGG-4) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-363-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-363-1 : Aug 3 2022 1:06PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-364-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #GGG-5) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-364-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-364-1 : Aug 3 2022 1:06PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-365-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #GGG-6) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-365-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-365-1 : Aug 3 2022 1:06PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-366-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #GGG-7) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-366-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-366-1 : Aug 3 2022 1:06PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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

AUTHORITY TO CONSTRUCT

PERMIT NO: N-9371-367-1

ISSUANCE DATE: 08/03/2022

LEGAL OWNER OR OPERATOR: MCMANIS FAMILY VINEYARDS

MAILING ADDRESS: 18700 E RIVER RD
RIPON, CA 95366

LOCATION: 18700 E RIVER RD
RIPON, CA 95366

EQUIPMENT DESCRIPTION:

MODIFICATION OF 36,600 GALLON STAINLESS STEEL WINE STORAGE TANK (TANK #GGG-8) WITH PRESSURE/VACUUM VALVE AND INSULATION: ALLOW RED WINE FERMENTATION IN THIS TANK

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. The Authority to Construct (ATC) permit N-9371-367-0 shall be implemented concurrently, or prior to the modification and startup of the equipment authorized by this ATC. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Prior to operating equipment under this Authority to Construct permit, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 0 lb, 2nd quarter - 0 lb, 3rd quarter - 1,153 lb, and 4th quarter - 577 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 8/15/19) for the ERC specified below. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (209) 557-6400 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Brian Clements, Director of Permit Services

N-9371-367-1 : Aug 3 2022 1:06PM -- HARADERJ : Joint Inspection NOT Required

5. ERC Certificate Number N-1559-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
7. The nominal tank dimensions are 17 feet 9 inches in diameter and 20 feet in height with a proposed volume of 36,600 gallons. The permittee shall submit to the District the gauge volume of the tank within 30 days of the actual tank capacity measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
8. When this tank is 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
9. 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
10. When this tank is used for wine storage, 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
11. 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
12. Wine storage throughput in this tank shall not exceed any of the following: 73,200 gallons per day and 146,400 gallons per year (12-month rolling basis). [District Rule 2201] Federally Enforceable Through Title V Permit
13. When this tank is used for wine storage, daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
14. The operator shall maintain records of annual wine storage throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
15. When this tank is used for wine storage, 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
16. 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
17. VOC emissions from red wine fermentation shall not exceed any of the following limits: 3.46 pounds per 1,000 gallon tank capacity per day and 6.2 pounds per 1,000 gallon of wine fermented per year. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The fermentation throughput for this tank shall not exceed 186,000 gallons per year (12-month rolling basis) during facility's seasonal crushing/fermentation period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The operator shall maintain records of annual wine fermentation throughput on a consecutive 12-month rolling basis. These records shall be updated at least on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit

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20. If the fermentation throughput for any rolling 12-month period exceeds the annual throughput limitation 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 throughput limits for that rolling 12-month period will be deemed to have occurred so long as the calendar year throughput is below the annual throughput limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
21. For each batch of must fermented in the tank, the operator shall record the fermentation completion date, the total gallons of must fermented, the uncontrolled fermentation emissions and fermentation emission reductions (calculated per the emission factors given in District Rule 4694). The information shall be recorded by the tank Permit to Operate number and by wine type, stated as either red wine or white wine. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
22. 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
23. 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