



**AUG 15 2014**

Mr. Paul Bement  
Golden State Vintners Fresno  
7409 W. Central Ave.  
Fresno, CA 93706

**Re: Proposed ATC / Certificate of Conformity (Significant Mod)  
District Facility # C-581  
Project # C-1140954**

Dear Mr. Bement:

Enclosed for your review is the District's analysis of an application for Authorities to Construct for the facility identified above. You requested that Certificates of Conformity with the procedural requirements of 40 CFR Part 70 be issued with this project. Golden State Vintners Fresno is proposing to install 23 new insulated stainless steel wine storage tanks of various capacities.

After addressing all comments made during the 30-day public notice and the 45-day EPA comment periods, the District intends to issue the Authorities to Construct with Certificates of Conformity. Please submit your comments within the 30-day public comment period, as specified in the enclosed public notice. Prior to operating with modifications authorized by the Authorities to Construct, the facility must submit an application to modify the Title V permit as an administrative amendment, in accordance with District Rule 2520, Section 11.5.

If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Thank you for your cooperation in this matter.

Sincerely,

Arnaud Marjollet  
Director of Permit Services

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email  
cc: Gerardo C. Rios, EPA (w/enclosure) via email

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California Code of Regulations, Title 14, Division 6, Chapter 3, Sections 15000-15387: CEQA Guidelines

### **III. Project Location**

The facility is located at 7409 W. Central Avenue in Fresno, CA. The equipment is not located within 1,000 feet of the outer boundary of a K-12 school. Therefore, the public notification requirement of California Health and Safety Code 42301.6 is not applicable to this project.

### **IV. Process Description**

Golden State Vintners Fresno produces both red and white table wines, as well as other specialty wine products, from the fermentation of grapes. During the "crush season," typically from late August to late November, both red and white grapes are received by truck and delivered to a crusher-stemmer which serves to crush the grapes and remove the stems. In the case of red wines, the resultant juice (termed "must" and containing the grape skins, pulp and seeds) is pumped to red wine fermentation tanks for fermentation, a batch process. The red wine fermentation tanks are specifically designed to ferment the must in contact with the skins and to allow the separation of the skins and seeds from the wine after fermentation. In the case of white wines, the must is sent to screens and presses for separation of grape skins and seeds prior to fermentation. After separation of the skins and seeds, the white must is transferred to a fermentation tank. White wine fermentation can be carried out in a tank without design provisions for solids separation since the skins and seeds have already been separated.

After transfer of the must (for red or white wine) to the fermentation tank, the must is inoculated with yeast which initiates the fermentation reactions. During fermentation, the yeast metabolizes the sugar in the grape juice, converting it to ethanol and carbon dioxide (CO<sub>2</sub>) while releasing heat. Temperature is typically controlled by refrigeration, and is maintained at 45–65 °F for white wine fermentation and 70–95 °F for red wine fermentation. The sugar content of the fermentation mass is measured in °Brix (weight %) and is typically 22–26° for unfermented grape juice, dropping to 4° or less at the end of fermentation. Finished ethanol concentration is approximately 10 to 14 percent by volume. Batch fermentation requires 3-5 days per batch for red wine and 1-2 weeks per batch for white wine. VOCs are emitted during the fermentation process along with the CO<sub>2</sub>. The VOCs consist primarily of ethanol along with small quantities of other fermentation byproducts.

Following the completion of fermentation, white wine is transferred directly to storage tanks. Red wine is first directed to the presses for separation of solids and then routed to the storage tanks. Tanks can potentially operate in either: (1) a fermentation operation during which the tank is vented directly to the atmosphere to release the evolved CO<sub>2</sub> byproduct from the fermentation reaction; (2) a storage operation during which the tank is closed to minimize contact with air and refrigerated to preserve the wine; (3) or both fermentation and storage operations. Post-fermentation operations such as cold stabilization, racking, and filtration are conducted in the tanks, resulting in a number of inter-tank transfers during the period between the end of fermentation and bottling or bulk shipment. Storage operations are conducted year-

round. VOC emissions occur primarily as a result of the inter-tank transfers which are necessitated by the post fermentation operations.

## V. Equipment Listing

### C-581-116-0 and -117-0 (Tank IDs 2014-1 and 2014-2):

- 7,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-X) WITH PRESSURE/VACUUM VALVE

### C-581-118-0 through -121-0 (Tank IDs 2014-3 through 2014-6):

- 10,200 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-X) WITH PRESSURE/VACUUM VALVE

### C-581-122-0 (Tank ID 2014-7):

- 10,500 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-7) WITH PRESSURE/VACUUM VALVE

### C-581-123-0 and -124-0 (Tank IDs 2014-8 and 2014-9):

- 14,400 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-X) WITH PRESSURE/VACUUM VALVE

### C-581-125-0 through -128-0 (Tank IDs 2014-10 through 2014-13):

- 19,200 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-X) WITH PRESSURE/VACUUM VALVE

### C-581-129-0 through -138-0 (Tank IDs 2014-14 through 2014-23):

- 28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-X) WITH PRESSURE/VACUUM VALVE

The following conditions will be added to the tank permits in this project to ensure the equipment descriptions are updated with the appropriate tank "gauge volumes" once the tanks are constructed. The tank dimensions were proposed by the facility.

### C-581-116-0 and -117-0:

- The nominal tank dimensions are 8.75 feet in diameter and 16 feet in height with a proposed volume of 7,700 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]

### C-581-118-0 through -121-0:

- The nominal tank dimensions are 8.5 feet in diameter and 27 feet in height with a proposed volume of 10,200 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]

C-581-122-0:

- The nominal tank dimensions are 10.33 feet in diameter and 16 feet in height with a proposed volume of 10,500 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]

C-581-123-0 and -124-0:

- The nominal tank dimensions are 13 feet in diameter and 19 feet in height with a proposed volume of 14,400 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]

C-581-125-0 through -128-0:

- The nominal tank dimensions are 11.5 feet in diameter and 27 feet in height with a proposed volume of 19,200 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]

C-581-129-0 through -138-0:

- The nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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]

## **VI. Emission Control Technology Evaluation**

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

**VII. General Calculations**

**A. Assumptions**

- The proposed tanks will only be used for red and white wine storage.
- Typically, for enclosed tanks with refrigeration and/or insulation (or equivalent) and P/V valves, breathing losses from storage of wine are assumed to be negligible.
- Storage tank average ethanol content is 16% (FYI-291).
- Storage tank daily maximum ethanol content of stored wine is 23.9% (per applicant).
- Maximum daily storage throughput is 3 turns per day (per applicant).
- Maximum annual storage throughput is 1,095 turns per day (3 turns/day x 365 days/year) (per applicant).

**B. Emission Factors**

Emission factors are taken from District FYI-114, *VOC Emission Factors for Wine Fermentation and Storage Tanks*, for facility located in the Central Region, as follows:

Wine Type	Vol% Ethanol	EF2 (lb-VOC/1,000 gallon of wine)		Source
		Daily	Annual	
White/Red	14	0.137	0.252	FYI-114, Table 1
White/Red	16	0.280	0.153	FYI-114, Table 1
White/Red	23.9	0.410*	0.226*	FYI-114, Table 1

\* Linearly interpolated from values in FYI-114.

**C. Calculations**

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

Since this is a new emissions unit, PE1 = 0 for all pollutants.

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

The potential daily and annual VOC emissions are determined as follows:

$$\begin{aligned} \text{Daily PE2} &= \text{EF (lb-VOC/1,000 gal)} \times \text{throughput (gal/day)} \\ &= (0.410 \text{ lb-VOC/1,000 gal}) \times \text{throughput (gal/day)} \end{aligned}$$

$$\begin{aligned} \text{Annual PE2} &= \text{EF (lb-VOC/1,000 gal)} \times \text{throughput (gal/year)} \\ &= (0.153 \text{ lb-VOC/1,000 gal}) \times \text{throughput (gal/year)} \end{aligned}$$

Permit Unit	Throughput*		Daily PE2	Annual PE2
	(gal/day)	(gal/year)	(lb/day)	(lb/year)
C-581-116-0	23,100	8,431,500	9.5	1,290
C-581-117-0	23,100	8,431,500	9.5	1,290
C-581-118-0	30,600	11,169,000	12.5	1,709
C-581-119-0	30,600	11,169,000	12.5	1,709
C-581-120-0	30,600	11,169,000	12.5	1,709
C-581-121-0	30,600	11,169,000	12.5	1,709
C-581-122-0	31,500	11,497,500	12.9	1,759
C-581-123-0	43,200	15,768,000	17.7	2,413
C-581-124-0	43,200	15,768,000	17.7	2,413
C-581-125-0	57,600	21,024,000	23.6	3,217
C-581-126-0	57,600	21,024,000	23.6	3,217
C-581-127-0	57,600	21,024,000	23.6	3,217
C-581-128-0	57,600	21,024,000	23.6	3,217
C-581-129-0	86,100	31,426,500	35.3	4,808
C-581-130-0	86,100	31,426,500	35.3	4,808
C-581-131-0	86,100	31,426,500	35.3	4,808
C-581-132-0	86,100	31,426,500	35.3	4,808
C-581-133-0	86,100	31,426,500	35.3	4,808
C-581-134-0	86,100	31,426,500	35.3	4,808
C-581-135-0	86,100	31,426,500	35.3	4,808
C-581-136-0	86,100	31,426,500	35.3	4,808
C-581-137-0	86,100	31,426,500	35.3	4,808
C-581-138-0	86,100	31,426,500	35.3	4,808

\* The facility has stated that the maximum daily throughput for each individual tank will be equal to three turns per day. Therefore the maximum annual throughput for each tank will be 1,095 turns/year (3 turns/day x 365 days/year).

The PE2 for each tank is calculated above. The facility has proposed to include these tanks in their current SLC for wine fermentation and storage operations of 435,581 lb-VOC/year.

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

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

This project only concerns VOC emissions. This facility acknowledges that its VOC emissions are already above the Offset and Major Source Thresholds for VOC emissions; therefore, SSPE1 calculations are not necessary.

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

Pursuant to District Rule 2201, the SSPE2 is the PE from all units with valid ATCs or PTOs at the Stationary Source and the quantity of ERCs which have been banked since September 19, 1991 for AER that have occurred at the source, and which have not been used on-site.

This project only concerns VOC emissions. This facility acknowledges that its VOC emissions are already above the Offset and Major Source Thresholds for VOC emissions; therefore, SSPE2 calculations are not necessary.

**5. Major Source Determination**

**Rule 2201 Major Source Determination:**

Pursuant to District Rule 2201, a Major Source is a stationary source with a SSPE2 equal to or exceeding one or more of the following threshold values. For the purposes of determining major source status the following shall not be included:

- any ERCs associated with the stationary source
- Emissions from non-road IC engines (i.e. IC engines at a particular site at the facility for less than 12 months)
- Fugitive emissions, except for the specific source categories specified in 40 CFR 51.165

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

**Rule 2410 Major Source Determination:**

As expressed in Section VII.C.2 of this document, this facility has an existing specific limiting condition for VOC emission of 435,581 lb-VOC/year. Comparing those emissions only to the PSD Major Source Threshold below demonstrates that the facility is not an existing Major Source for PSD.

PSD Major Source Determination (tons/year)	
	VOC
Facility PE before Project Increase	217
PSD Major Source Thresholds	250
PSD Major Source?	<b>No</b>

**6. Baseline Emissions (BE)**

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

Pursuant to District Rule 2201, BE = PE1 for:

- Any unit located at a non-Major Source,
- Any Highly-Utilized Emissions Unit, located at a Major Source,
- Any Fully-Offset Emissions Unit, located at a Major Source, or
- Any Clean Emissions Unit, located at a Major Source.

otherwise,

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

Since the wine storage tanks in this project are new emissions units, BE = PE1 = 0 for all pollutants.

**7. SB 288 Major Modification**

SB 288 Major Modification is defined in 40 CFR Part 51.165 as "any physical change in or change in the method of operation of a major stationary source that would result in a significant net emissions increase of any pollutant subject to regulation under the Act."

Since this source is not included in the 28 specific source categories specified in 40 CFR 51.165, the, increases in fugitive emissions are not included in the SB 288 Major Modification calculation.

Since this facility is a major source for VOC, the project's PE2 is compared to the SB 288 Major Modification Thresholds in the following table in order to determine if the SB 288 Major Modification calculation is required.

SB 288 Major Modification Thresholds			
Pollutant	Project PE2 (lb/year)*	Threshold (lb/year)	SB 288 Major Modification Calculation Required?
VOC	435,581	50,000	Yes

\* The facility's VOC emissions are limited by an SLC to 435,581 lb/year. The tanks in this project will be included in the current VOC SLC.

Since the project's PE2 surpasses the SB 288 Major Modification Thresholds for VOC, the Net Emissions Increase (NEI) will be compared to the SB 288 Major Modification thresholds in order to determine if this project constitutes an SB 288 Major Modification. NEI calculations are shown in Appendix B and summarized in the table below.

SB 288 Major Modification Thresholds and Determination			
Pollutant	NEI (lb/year)	Thresholds (lb/year)	SB 288 Major Modification?
VOC	1,347	50,000	No

As demonstrated in the preceding table, this project does not constitute an SB 288 Major Modification.

**8. Federal Major Modification**

District Rule 2201 states that a Federal Major Modification is the same as a “Major Modification” as defined in 40 CFR 51.165 and part D of Title I of the CAA.

The determination of Federal Major Modification is based on a two-step test. For the first step, only the emission *increases* are counted. Emission decreases may not cancel out the increases for this determination. Emission increases calculations are shown in Appendix B and summarized in the table below

Federal Major Modification Thresholds and Determination			
Pollutant	NEI (lb/year)	Thresholds (lb/year)	Federal Major Modification?
VOC	1,347	0	Yes

Since there is an increase in VOC emissions, this project constitutes a Federal Major Modification, and no further analysis is required.

**9. Rule 2410 – Prevention of Significant Deterioration (PSD) Applicability Determination**

Rule 2410 applies to any pollutant regulated under the Clean Air Act, except those for which the District has been classified nonattainment. The pollutants which must be addressed in the PSD applicability determination for sources located in the SJV are listed in Section 52.21 (b) (23). VOC, which the District is classified as nonattainment for, is the only pollutant emitted by the units in this project. VOC emissions from this project will be compared with Major Source threshold to determine if the project constitutes a new major source subject to PSD requirements.

**I. Project Emissions Increase - New Major Source Determination**

The post-project potentials to emit from all new and modified units are compared to the PSD major source thresholds to determine if the project constitutes a new major source subject to PSD requirements.

The facility or the equipment evaluated under this project is not listed as one of the categories specified in 40 CFR 52.21 (b)(1)(i). The PSD Major Source threshold is 250 tpy for any regulated NSR pollutant.

<b>PSD Major Source Determination: Potential to Emit (tons/year)</b>						
	NO2	VOC	SO2	CO	PM	PM10
Total PE from New and Modified Units	0	217	0	0	0	0
PSD Major Source threshold	250	250	250	250	250	250
New PSD Major Source?	N	N	N	N	N	N

As shown in the table above, the potential to emit for the project, by itself, does not exceed any PSD major source threshold. Therefore Rule 2410 is not applicable and no further analysis is required.

## VIII. Compliance

### Rule 2201 New and Modified Stationary Source Review Rule

#### A. Best Available Control Technology (BACT)

##### 1. BACT Applicability

BACT requirements are triggered on a pollutant-by-pollutant basis and on an emissions unit-by-emissions unit basis. Unless specifically exempted by Rule 2201, BACT shall be required for the following actions\*:

- a. Any new emissions unit with a potential to emit exceeding two pounds per day,
- b. The relocation from one Stationary Source to another of an existing emissions unit with a potential to emit exceeding two pounds per day,
- c. Modifications to an existing emissions unit with a valid Permit to Operate resulting in an AIPE exceeding two pounds per day, and/or
- d. Any new or modified emissions unit, in a stationary source project, which results in an SB 288 Major Modification or a Federal Major Modification, as defined by the rule.

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

##### a. New emissions units – PE > 2 lb/day

As seen in Section VII.C.2 above, the applicant is proposing to install 23 new wine storage tanks with PEs greater than 2 lb/day for VOC. BACT is triggered for VOC since the PE is greater than 2 lbs/day.

**b. Relocation of emissions units – PE > 2 lb/day**

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

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

As discussed in Section I above, there are no modified emissions units associated with this project. Therefore BACT is not triggered.

**d. SB 288/Federal Major Modification**

As discussed in Sections VII.C.7 and VII.C.8 above, this project does constitute a Federal Major Modification for VOC emissions. Therefore BACT is triggered for VOC for all emissions units in the project for which there is an emission increase.

**2. BACT Guideline**

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

**3. Top-Down BACT Analysis**

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

Pursuant to the attached Top-Down BACT Analysis (Appendix C), since the technologically feasible options are not cost effective and BACT has been satisfied with the following:

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

The following conditions will be placed on the ATCs to ensure compliance with the requirements of BACT:

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

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

## B. Offsets

### 1. Offset Applicability

Offset requirements shall be triggered on a pollutant by pollutant basis and shall be required if the SSPE2 equals to or exceeds the offset threshold levels in Table 4-1 of Rule 2201.

Facility emissions are already above the Offset and Major Source Thresholds for VOC emissions; therefore, offsets are triggered.

### 2. Quantity of Offsets Required

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

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

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

Where,

PE2 = Post Project Potential to Emit, (lb/year)

BE = Baseline Emissions, (lb/year)

ICCE = Increase in Cargo Carrier Emissions, (lb/year)

DOR = Distance Offset Ratio

BE = Pre-project Potential to Emit for:

- Any unit located at a non-Major Source,
- Any Highly-Utilized Emissions Unit, located at a Major Source,
- Any Fully-Offset Emissions Unit, located at a Major Source, or
- Any Clean Emissions Unit, Located at a Major Source.

otherwise,

BE = Historical Actual Emissions (HAE)

Pursuant to District Policy APR 1420, *NSR Calculations for Units with Specific Limiting Conditions (3/12/07)*, the quantity of ERCs for a project will be determined by comparing the post project PE, which is the SLC, to the pre project BE for the SLC.

Additionally, the policy states that if the SLC is for a pollutant exceeding the Major Source threshold and any single unit under the SLC is not a Highly-Utilized, Fully-Offset, or Clean Emissions Units, then the sum of the actual emissions from all units in SLC will be used to determine the pre project BE.

As established in District Project C-1113010, all tanks at this facility meet the District's determination of achieved-in-practice BACT (and are thus Clean Emission Units), therefore the pre project BE emissions are equal to the pre project PE emissions ( $BE_{SLC} = PE1_{SLC}$ ).

Based on the information above, the emissions increase to be offset for this project should be calculated as follows:

$$\text{Emissions Increase (lb/year)} = PE2_{SLC} - BE_{SLC}$$

Where,

$PE2_{SLC}$  = The post project SLC selected by the facility. In this project,  $PE2_{SLC} = PE1_{SLC}$ .

$BE_{SLC} = 435,581$  lb-VOC/year. The facility's existing SLC wine fermentation and storage operations

Therefore,

$$\begin{aligned} \text{Emissions Increase (lb/year)} &= PE2_{SLC} - BE_{SLC} \\ &= 435,581 \text{ lb-VOC/year} - 435,581 \text{ lb-VOC/year} \\ &= 0 \text{ lb-VOC/year} \end{aligned}$$

As indicated above, offsets are not required for this project.

## C. Public Notification

### 1. Applicability

Public noticing is required for:

- New Major Sources, Federal Major Modifications, and SB 288 Major Modifications,
- Any new emissions unit with a Potential to Emit greater than 100 pounds during any one day for any one pollutant,
- Any project which results in the offset thresholds being surpassed, and/or
- Any project with an SSIPE of greater than 20,000 lb/year for any pollutant.

**a. New Major Sources, Federal Major Modifications, and SB 288 Major Modifications**

New Major Sources are new facilities, which are also Major Sources. Since this is not a new facility, public noticing is not required for this project for New Major Source purposes.

As demonstrated in Sections VII.C.7 and VII.C.8, this project is a Federal Major Modification. Therefore, public noticing for Federal Major Modification purposes is required.

**b. PE > 100 lb/day**

Applications which include a new emissions unit with a PE greater than 100 pounds during any one day for any pollutant will trigger public noticing requirements. As seen in Section VII.C.2 above, this project does not include new emissions units which have daily emissions greater than 100 lb/day for any pollutant, therefore public noticing for PE > 100 lb/day purposes is not required.

**c. Offset Threshold**

The SSPE1 and SSPE2 are compared to the offset thresholds in the following table.

<b>Offset Thresholds</b>				
Pollutant	SSPE1 (lb/year)	SSPE2 (lb/year)	Offset Threshold	Public Notice Required?
VOC	435,581	435,581	20,000 lb/year	No

As detailed above, there were no thresholds surpassed with this project; therefore public noticing is not required for offset purposes.

**d. SSIPE > 20,000 lb/year**

Public notification is required for any permitting action that results in a SSIPE of more than 20,000 lb/year of any affected pollutant. According to District policy, the SSIPE = SSPE2 – SSPE1. The SSIPE is compared to the SSIPE Public Notice thresholds in the following table.

<b>SSIPE Public Notice Thresholds</b>					
Pollutant	SSPE2 (lb/year)	SSPE1 (lb/year)	SSIPE (lb/year)	SSIPE Public Notice Threshold	Public Notice Required?
VOC	435,581	435,581	0	20,000 lb/year	No

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

## 2. Public Notice Action

As discussed above, public noticing is required for this project for Federal Major Modification. Therefore, public notice documents will be submitted to the California Air Resources Board (CARB) and US Environmental Protection Agency (US EPA) and a public notice will be published in a local newspaper of general circulation prior to the issuance of the ATCs for this equipment.

### D. Daily Emission Limits (DELs)

DELs and other enforceable conditions are required by Rule 2201 to restrict a unit's maximum daily emissions, to a level at or below the emissions associated with the maximum design capacity. The DEL must be contained in the latest ATC and contained in or enforced by the latest PTO and enforceable, in a practicable manner, on a daily basis. DELs are also required to enforce the applicability of BACT.

For all wine storage tank emissions units affected by this project, the DEL is stated in the form of a daily limit on tank throughput and a maximum ethanol content for wine stored in the tank.

#### **Proposed Rule 2201 (DEL) Conditions:**

- The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201]
- The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201]
- The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201]
- Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201]
- Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201]

The applicant has proposed to calculate annual emissions from the wine storage tanks in this project using the same method employed for their existing storage tanks. The calculation method is described in the permit condition shown below. Calculating emissions using this method is approvable since it is more conservative than the current District method.

In addition, the facility has proposed to use the same EFs that are on their current storage tank permits. The EF's on the current storage tank permits at the facility were taken from FYI 114 (8/10/11). This FYI was revised on 6/13/12 and resulted in lower EFs for wine storage.

- The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent: EF = 0.150 lb-VOC/1000 gallons; For wine with ethanol content greater than 14 volume percent, EF = 0.248 lb-VOC/1000 gallons. [District Rule 2201]

## **E. Compliance Assurance**

### **1. Source Testing**

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

### **2. Monitoring**

No monitoring is required to demonstrate compliance with Rule 2201.

### **3. Recordkeeping**

Recordkeeping is required to demonstrate compliance with the offset, public notification and daily emission limit requirements of Rule 2201. The following condition(s) are listed on the permit to operate:

- Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201]
- If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201]
- Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201]
- Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rules 1070 and 2201]

- 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]

#### **4. Reporting**

No reporting is required to demonstrate compliance with Rule 2201.

#### **F. Ambient Air Quality Analysis (AAQA)**

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

#### **G. Compliance Certification**

Section 4.15.2 of this Rule requires the owner of a new Major Source or a source undergoing a Title I Modification to demonstrate to the satisfaction of the District that all other Major Sources owned by such person and operating in California are in compliance or are on a schedule for compliance with all applicable emission limitations and standards. As discussed in Section VIII above, this facility is a new major source and this project does constitute a Title I modification, therefore this requirement is applicable. Golden State Vintners Fresno's compliance certification is included in Appendix D.

#### **H. Alternate Siting Analysis**

Alternative siting analysis is required for any project, which constitutes a New Major Source or a Federal Major Modification. As discussed in this evaluation, this project constitutes a Federal Major Modification.

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

Since the project will provide wine storage tanks to be used at the same location, the existing site will result in the least possible impact from the project. Alternative sites would involve the relocation and/or construction of various support structures on a much greater scale, and would therefore result in a much greater impact.

#### **Rule 2520 Federally Mandated Operating Permits**

This facility is subject to this Rule, and has received their Title V Operating Permit. A significant permit modification is defined as a "permit amendment that does not qualify as a minor permit modification or administrative amendment."

Section 3.20.5 states that a minor permit modification is a permit modification that does not meet the definition of modification as given in Section 111 or Section 112 of the Federal Clean Air Act. Since this project is a Title I modification (i.e. Federal Major Modification), the proposed project is considered to be a modification under the Federal Clean Air Act. As a result, the proposed project constitutes a Significant Modification to the Title V Permit pursuant to Section 3.29.

As discussed above, the facility has applied for a Certificate of Conformity (COC); therefore, the facility must apply to modify their Title V permit with an administrative amendment, prior to operating with the proposed modifications. Continued compliance with this rule is expected. The facility shall not implement the changes requested until the final permit is issued. The following permit conditions will be added to the permits to ensure compliance with this rule:

- {1830} 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]
- {1831} 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]

#### **Rule 4001 New Source Performance Standards (NSPS)**

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

#### **Rule 4002 National Emission Standards for Hazardous Air Pollutants (NESHAPs)**

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

### **Rule 4101 Visible Emissions**

Rule 4101 states that no person shall discharge into the atmosphere emissions of any air contaminant aggregating more than 3 minutes in any hour which is as dark as or darker than Ringelmann 1 (or 20% opacity). Based on past inspections of similar emissions units, visible emissions are not expected to exceed Ringelmann 1 or 20% opacity. The following condition will be added to the permits to ensure compliance with this rule:

- {15} No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

### **Rule 4102 Nuisance**

Rule 4102 prohibits discharge of air contaminants which could cause injury, detriment, nuisance or annoyance to the public. Public nuisance conditions are not expected as a result of these operations, provided the equipment is well maintained. Therefore, compliance with this rule is expected. The following condition will be added to the permit to ensure compliance with this rule.

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

### **California Health & Safety Code 41700 (Health Risk Assessment)**

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

Ethanol is not a HAP as defined by Section 44321 of the California Health and Safety Code. Therefore, there are no increases in HAP emissions associated with any emission units in this project, therefore a health risk assessment is not necessary and no further risk analysis is required.

### **District Rule 4623 Storage of Organic Liquids**

The purpose of this rule is to limit volatile organic compound (VOC) emissions from the storage of organic liquids. This rule applies to any tank with a capacity of 1,100 gallons or greater in which any organic liquid is placed, held, or stored.

However, Section 4.1.4 provides an exemption for tanks used to store fermentation products, byproducts or spirits. The tanks in this project are storage tanks used to store wine.

Therefore, the requirements of this rule are not applicable to this project.

## **District Rule 4694 Wine Fermentation and Storage Tanks**

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

Section 5.1 requires the winery operator achieve Required Annual Emissions Reductions (RAER) equal to at least 35% of the winery's Baseline Fermentation Emissions (BFE). Since the proposed tanks will be used for storage only, this section is not applicable; therefore, no further discussion is required.

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

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

The following conditions will be placed on the permit to ensure compliance with the requirements of Section 5.2.1:

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

Section 5.2.2 requires that the temperature of the stored wine be maintained at or below 75° F. The following condition will be placed on the permits to ensure compliance with the requirements of Section 5.2.2:

- The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. 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]

Every three years, Section 6.1 and 6.2 require facilities with fermentation operations to submit a Three-Year Compliance Plan and a Three-Year Compliance Plan Verification respectively. The proposed tanks in this project are for wine storage only, and since these sections are not applicable to wine storage operations, no further discussion is required.

Section 6.4.1 requires that records be kept for each fermentation batch. These tanks are not fermenters; therefore this section does not apply.

Section 6.4.2 requires that weekly records be kept of wine volume and temperature in each storage tank. The following conditions will be placed on the permit to ensure compliance with the requirements of Section 6.4.2:

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

Section 6.4.3 requires that all monitoring be performed for any CERs as identified in the facility's Three-Year Compliance Plan and that the records of all monitoring be maintained. Since this requirement is for operators mitigation fermentation emission and the proposed tanks are only for wine storage operations, this section is not applicable to wine tanks in this project. Therefore, no further discussion is required.

Section 6.4 requires that records required by this rule be maintained, retained on-site for a minimum of five years, and made available to the APCO upon request. The following conditions will be placed on all permits to ensure compliance:

- 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]

### **California Health & Safety Code 42301.6 (School Notice)**

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

### **California Environmental Quality Act (CEQA)**

CEQA requires each public agency to adopt objectives, criteria, and specific procedures consistent with CEQA Statutes and the CEQA Guidelines for administering its responsibilities under CEQA, including the orderly evaluation of projects and preparation of environmental

documents. The District adopted its *Environmental Review Guidelines* (ERG) in 2001. The basic purposes of CEQA are to:

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

### **Greenhouse Gas (GHG) Significance Determination**

It is determined that no other agency has or will prepare an environmental review document for the project. Thus the District is the Lead Agency for this project.

The storage of wine in a tank does not result in any greenhouse gas emissions. Therefore, a significance determination for the installation of the wine storage tanks in this project is not required.

### **District CEQA Findings**

The District is the Lead Agency for this project because there is no other agency with broader statutory authority over this project. The District performed an Engineering Evaluation (this document) for the proposed project and determined that the activity will occur at an existing facility and the project involves negligible expansion of the existing use. Furthermore, the District determined that the activity will not have a significant effect on the environment. The District finds that the activity is categorically exempt from the provisions of CEQA pursuant to CEQA Guideline § 15301 (Existing Facilities), and finds that the project is exempt per the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment (CEQA Guidelines §15061(b)(3)).

## **IX. Recommendation**

Compliance with all applicable rules and regulations is expected. Pending a successful NSR and COC Public Noticing period, issue ATC permits C-581-116-0 through C-581-138-0 subject to the permit conditions on the attached draft ATCs in Appendix A.

**X. Billing Information**

<b>Annual Permit Fees</b>			
<b>Permit Number</b>	<b>Fee Schedule</b>	<b>Fee Description</b>	<b>Annual Fee</b>
C-581-116-0 and -117-0	3020-05-B	7,700 gallon storage tank	\$93.00
C-581-118-0 through -121-0	3020-05-B	10,200 gallon storage tank	\$93.00
C-581-122-0	3020-05-B	10,500 gallon storage tank	\$93.00
C-581-123-0 and -124-0	3020-05-B	14,400 gallon storage tank	\$93.00
C-581-125-0 through -128-0	3020-05-B	19,200 gallon storage tank	\$93.00
C-581-129-0 through -138-0	3020-05-C	28,700 gallon storage tank	\$135.00

**Appendixes**

- A: Draft ATCs
- B: Emission increases Calculations
- C: BACT Guideline and BACT Analysis
- D: Compliance Certification

# **APPENDIX A**

## **Draft ATCs**

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

**ISSUANCE DATE: DRAFT**

**PERMIT NO:** C-581-116-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
7,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-1) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 8.75 feet in diameter and 16 feet in height with a proposed volume of 7,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

C-581-116-0 : Aug 11 2014 8:54AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-117-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
7,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-2) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 8.75 feet in diameter and 16 feet in height with a proposed volume of 7,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director / APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services

C-581-117-0: Aug 11 2014 8:54AM - FUKUDAD : Joint inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-118-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
10,200 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-3) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 8.5 feet in diameter and 27 feet in height with a proposed volume of 10,200 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services  
C-581-118-0; Aug 11 2014 8:54AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-119-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
10,200 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-4) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 8.5 feet in diameter and 27 feet in height with a proposed volume of 10,200 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjollet, Director of Permit Services

C-581-119-0 : Aug 11 2014 8:54AM - FUKUDAD : Joint inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

**ISSUANCE DATE: DRAFT**

**PERMIT NO:** C-581-120-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
10,200 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-5) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 8.5 feet in diameter and 27 feet in height with a proposed volume of 10,200 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

Arnaud Marjollet, Director of Permit Services  
C-581-120-0 : Aug 11 2014 8:54AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

PERMIT NO: C-581-121-0

LEGAL OWNER OR OPERATOR: GOLDEN STATE VINTNERS  
MAILING ADDRESS: 7409 W CENTRAL AVE  
FRESNO, CA 93706

LOCATION: 7409 W CENTRAL AVE  
FRESNO, CA 93706

EQUIPMENT DESCRIPTION:  
10,200 GALLON (OR EQUIVALENT) INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-6) WITH PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 8.5 feet in diameter and 27 feet in height with a proposed volume of 10,200 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann I or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services  
C-581-121-0 : Aug 11 2014 8:54AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

**ISSUANCE DATE: DRAFT**

**PERMIT NO:** C-581-122-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
10,500 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-7) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 10.33 feet in diameter and 16 feet in height with a proposed volume of 10,500 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

Arnaud Marjolle, Director of Permit Services

C-581-122-0 : Aug 11 2014 8:54AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

**ISSUANCE DATE: DRAFT**

**PERMIT NO:** C-581-123-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
14,400 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-8) WITH PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 13 feet in diameter and 19 feet in height with a proposed volume of 14,400 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

Arnaud Marjolle, Director of Permit Services

C-581-123-0: Aug 11 2014 8:55AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-124-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
14,400 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-9) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 13 feet in diameter and 19 feet in height with a proposed volume of 14,400 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services  
C-581-124-0 : Aug 11 2014 8:55AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

**ISSUANCE DATE: DRAFT**

**PERMIT NO:** C-581-125-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
19,200 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-10) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 11.5 feet in diameter and 27 feet in height with a proposed volume of 19,200 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director / APCO

Arnaud Marjolle, Director of Permit Services

C-581-125-0 : Aug 11 2014 8:55AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-126-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
19,200 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-11) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 11.5 feet in diameter and 27 feet in height with a proposed volume of 19,200 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director / APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services

C-581-126-0: Aug 11 2014 8:55AM - FURLODAD : Joint Inspection NOT Required

7. 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
8. 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
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13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-127-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
19,200 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-12) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 11.5 feet in diameter and 27 feet in height with a proposed volume of 19,200 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services  
C-581-127-0: Aug 11 2014 8:55AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-128-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
19,200 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-13) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 11.5 feet in diameter and 27 feet in height with a proposed volume of 19,200 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

**Arnaud Marjollet, Director of Permit Services**

C-581-128-0 : Aug 11 2014 8 55AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

# AUTHORITY TO CONSTRUCT

ISSUANCE DATE: DRAFT

PERMIT NO: C-581-129-0

LEGAL OWNER OR OPERATOR: GOLDEN STATE VINTNERS  
MAILING ADDRESS: 7409 W CENTRAL AVE  
FRESNO, CA 93706

LOCATION: 7409 W CENTRAL AVE  
FRESNO, CA 93706

EQUIPMENT DESCRIPTION:  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-14) WITH  
PRESSURE/VACUUM VALVE

## CONDITIONS

1. {1830} 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. {1831} 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 nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

Arnaud Marjolle, Director of Permit Services

C-581-129-0 : Aug 11 2014 8:55AM -- FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
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18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

**ISSUANCE DATE: DRAFT**

**PERMIT NO:** C-581-130-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-15) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services  
C-581-130-0 : Aug 11 2014 8:55AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
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18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-131-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-16) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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
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CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services

C-581-131-0: Aug 11 2014 8:55AM - FUKUDAD : Joint Inspection NOT Required

7. 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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9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

**ISSUANCE DATE: DRAFT**

**PERMIT NO:** C-581-132-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-17) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services  
C-581-132-0 : Aug 11 2014 8:55AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

**ISSUANCE DATE: DRAFT**

**PERMIT NO:** C-581-133-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-18) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjollet, Director of Permit Services

C-581-133-0 : Aug 11 2014 8:55AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-134-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-19) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director / APCO

**Arnaud Marjollet, Director of Permit Services**

C-581-134-0 : Aug 11 2014 8:55AM -- FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
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18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-135-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-20) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services

C-581-135-0 : Aug 11 2014 8:55AM -- FUKUDAD : Joint Inspection NOT Required

7. 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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20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

DRAFT

San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

**ISSUANCE DATE: DRAFT**

**PERMIT NO:** C-581-136-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-21) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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. {1831} 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 nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services

C-581-136-0 : Aug 11 2014 8:56AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Annual emissions from all wine fermentation and storage tanks, calculated on a twelve month rolling basis, shall not exceed the following limit: VOC - 435,581 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-137-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-22) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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
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3. The nominal tank dimensions are 14.25 feet in diameter and 25 feet in height with a proposed volume of 28,700 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
4. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. 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

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Seyed Sadredin, Executive Director, APCO

**DRAFT**

Arnaud Marjolle, Director of Permit Services  
C-581-137-0: Aug 11 2014 8:56AM - FUKUDAD : Joint Inspection NOT Required

7. 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
8. 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
9. The ethanol content of wine stored in this tank shall not exceed 23.9 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The daily VOC emissions rate for wine storage shall not exceed 0.410 lb/1000 gallons. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily tank throughput, in gallons, shall not exceed three times the maximum nominal tank capacity stated in the equipment description. [District Rule 2201] Federally Enforceable Through Title V Permit
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13. Combined annual VOC emissions from all wine storage operations shall be determined as the sum of the emissions for each individual wine movement based on the volume transferred in each wine movement and the batch-specific wine storage emission factor calculated using the equation(s) specified within this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual VOC wine storage emission factor (EF) for each wine transfer shall be selected from the following emission factors based on the ethanol content of the wine transferred: For wine with ethanol content less than or equal to 14 volume percent:  $EF = 0.150 \text{ lb-VOC}/1000 \text{ gallons}$ ; For wine with ethanol content greater than 14 volume percent,  $EF = 0.248 \text{ lb-VOC}/1000 \text{ gallons}$ . [District Rule 2201] Federally Enforceable Through Title V Permit
15. Records shall be maintained that demonstrate the date of each year's start of crush season. [District Rule 2201] Federally Enforceable Through Title V Permit
16. If the emissions calculated for any rolling 12-month period exceed the annual emissions limitations of this permit, in a crush season in which the start of the crush season (defined as the day on which the facility's seasonal crushing/fermentation operations commence) occurs less than 365 days after the start of the previous crush season, then no violation of the annual emissions limit for that rolling 12-month period will be deemed to have occurred so long as the calendar year emissions are below the annual emissions limitation. [District Rule 2201] Federally Enforceable Through Title V Permit
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San Joaquin Valley  
Air Pollution Control District

**AUTHORITY TO CONSTRUCT**

ISSUANCE DATE: DRAFT  
**DRAFT**

**PERMIT NO:** C-581-138-0

**LEGAL OWNER OR OPERATOR:** GOLDEN STATE VINTNERS  
**MAILING ADDRESS:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**LOCATION:** 7409 W CENTRAL AVE  
FRESNO, CA 93706

**EQUIPMENT DESCRIPTION:**  
28,700 GALLON NOMINAL INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 2014-23) WITH  
PRESSURE/VACUUM VALVE

**CONDITIONS**

1. {1830} 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
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Seyed Sadredin, Executive Director / APCO

**DRAFT**

Arnaud Marjollet, Director of Permit Services

C-581-138-0 : Aug 11 2014 8:58AM - FUKUOAO : Joint Inspection NOT Required

7. 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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18. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694] Federally Enforceable Through Title V Permit
19. Records of the twelve month rolling average total fermentation and storage emissions from the facility, including calculation methods and parameters used, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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## **APPENDIX B**

### **Emission Increases Calculations**

# Emission Increases Calculations

The purpose of the following calculations is solely to determine the proposed project will trigger SB 288 Major Modification and/or Federal Major Modification. The facility has an existing SLC of 435,581 pounds of VOC per year for wine fermentation and storage operations. This SLC will not be changed with the addition of 23 new tanks under this project.

The facility is requesting to install 23 new storage tanks. These tanks will result in an increase of the facility's storage capacities, and no changes to the facility's fermentation, crushing or pressing capacities. Therefore, only emissions from wine storage will be calculated to determine emissions increases.

## 1. Potential to Emit (existing tanks)

The potential annual VOCs from the storage operations at this winery are determined as follows:

### White Wine Storage Emissions:

Storage emissions are calculated as follows:

$$W_4 = (V_T \times D_w) / R_{TW} \text{ (limited by overall tank processing)}$$

Where,

$D_w$  = days in a white wine crush season = 120 days

$R_{TW}$  = total winery retention time for white wine = 40 + 10 = 50 days

$V_T$  = total winery cooperage = 21,661,807 gal (per Section V of this document)

Using the above parameters,

$$W_4 = (21,661,807 \times 120) / 50 = 52 \text{ MG/year}$$

$$PE_{1_{\text{white}}} = E_s \times T \times W_w$$

Where,

$E_s$  = wine storage emission factor based on District FYI-114. The existing tanks allow them to store up to 16% alcohol by volume. Thus,  $E_s$  is equal to 0.153 lb-VOC/1,000 gal.

$T$  = total post fermentation inter-tank transfers per batch of wine  
= 8

$W_w$  = 52 MG/year (determined above)

$$\begin{aligned} PE_{1_{\text{white}}} &= (0.153 \text{ lb-VOC}/1,000 \text{ gal}) \times (8) \times (52 \times 10^6 \text{ gal/year}) \\ &= 63,648 \text{ lb-VOC/year} \end{aligned}$$

### **Red Wine Storage Emissions:**

Storage emissions are calculated as follows:

$$W4 = (V_T \times D_r) / R_{TS} \text{ (limited by overall tank processing)}$$

Where,

$D_r$  = days in a red wine crush season = 120 days

$R_{FR}$  = red fermentation period = 5 days

$R_{TS}$  = total winery retention time for red wine = 40 + 5 = 45 days

$V_T$  = total winery cooperage = 21,661,807 gal

Using the above parameters,

$$W4 = (21,661,807 \times 120) / 45 = 57.8 \text{ MG/year}$$

$$PE1_{red} = E_s \times T \times W_R$$

Where:

$E_s$  = wine storage emission factor based on District FYI-114. The existing tanks allow them to store up to 16% alcohol by volume. Thus,  $E_s$  is equal to 0.153 lb-VOC/1,000 gal.

$T$  = total post fermentation inter-tank transfers per batch of wine  
= 8

$W_R$  = 57.8 MG/year (determined above)

$$\begin{aligned} PE1_{red} &= (0.153 \text{ lb-VOC}/1,000 \text{ gal}) \times (8) \times (57.8 \times 10^6 \text{ gal/yr}) \\ &= 70,747 \text{ lb-VOC/year} \end{aligned}$$

### **Summary:**

The facility's emissions potential for storage operations is taken to be the greater of the white or red emissions potential determined above.

$$PE1 = \text{greater of } PE1_{white} \text{ or } PE1_{red} = \mathbf{70,747 \text{ lb-VOC/year}}$$

## 2. Potential to Emit (existing plus new tanks)

The potential annual VOCs from fermentation and storage operations at this winery are determined as follows:

### White Wine Storage Emissions:

Storage emissions are calculated as follows:

$$W4 = (V_T \times D_w) / R_{TW} \text{ (limited by overall tank processing)}$$

Where,

$D_w$  = days in a white wine crush season = 120 days

$R_{TW}$  = total winery retention time for white wine = 40 + 10 = 50 days

$V_T$  = total winery cooperage = 22,121,107 gal (per Section V of this document)

Using the above parameters,

$$W4 = (22,121,107 \times 120) / 50 = 53.1 \text{ MG/year}$$

$$PE2_{\text{white}} = E_s \times T \times W_w$$

Where,

$E_s$  = wine storage emission factor based on District FYI-114. The existing tanks allow them to store up to 16% alcohol by volume. Thus,  $E_s$  is equal to 0.153 lb-VOC/1,000 gal.

$T$  = total post fermentation inter-tank transfers per batch of wine  
= 8

$W_w$  = 53.1 MG/year (determined above)

$$PE2_{\text{white}} = (0.153 \text{ lb-VOC/1,000 gal}) \times (8) \times (53.1 \times 10^6 \text{ gal/year}) \\ = 64,994 \text{ lb-VOC/year}$$

### Red Wine Storage Emissions:

Storage emissions are calculated as follows:

$$W4 = (V_T \times D_r) / R_{TS} \text{ (limited by overall tank processing)}$$

Where,

$D_r$  = days in a red wine crush season = 120 days

$R_{FR}$  = red fermentation period = 5 days

$R_{TS}$  = total winery retention time for red wine = 40 + 5 = 45 days

$V_T$  = total winery cooperage = 22,121,107 gal

Using the above parameters,

$$W4 = (22,121,107 \times 120) / 45 = 58.9 \text{ MG/year}$$

$$PE2_{red} = E_s \times T \times W_R$$

Where:

$E_s$  = wine storage emission factor based on District FYI-114. The existing tanks allow them to store up to 16% alcohol by volume. Thus,  $E_s$  is equal to 0.153 lb-VOC/1,000 gal.

$T$  = total post fermentation inter-tank transfers per batch of wine  
= 8

$W_R$  = 58.9 MG/year (determined above)

$$PE2_{red} = (0.153 \text{ lb-VOC}/1,000 \text{ gal}) \times (8) \times (58.9 \times 10^6 \text{ gal/yr})$$

$$= 72,094 \text{ lb-VOC/year}$$

Summary:

The facility's emissions potential for storage operations is taken to be the greater of the white or red emissions potential determined above.

$$PE2 = \text{greater of } PE2_{white} \text{ or } PE2_{red} = 72,094 \text{ lb-VOC/year}$$

**3. Potential Emission Increases (new tanks)**

The emissions increases from new tanks would be calculated as the difference between the post project and pre project potential emissions based on physical capacity. Thus,

Potential Emissions Increases Based on Physical Capacity of Wine Storage Tanks	
Category	Total (lb-VOC/yr)
Pre Project	70,747
Post Project	72,094
PE2 <sub>N</sub>	1,347

## **APPENDIX C**

### **BACT Guideline and BACT Analysis**

## Top Down BACT Analysis for Wine Storage VOC Emissions

### Step 1 - Identify All Possible Control Technologies

The SJVUAPCD BACT Clearinghouse guideline 5.4.13, 2<sup>nd</sup> quarter 2014, identifies achieved in practice BACT for wine storage tanks as follows:

- 1) Insulation or Equivalent\*\*, Pressure Vacuum Relief Valve (PVRV) set within 10% of the maximum allowable working pressure of the tank; "gas-tight" tank operation; and continuous storage temperature not exceeding 75 degrees F, achieved within 60 days of completion of fermentation.

*\*\*Tanks made of heat-conducting materials such as stainless steel may be insulated or stored indoors (in a completely enclosed building, except for vents, doors and other essential openings) to limit exposure to diurnal temperature variations. Tanks made entirely of non-conducting materials such as concrete and wood (except for fittings) are considered self-insulating.*

The SJVUAPCD BACT Clearinghouse guideline 5.4.13, identifies technologically feasible BACT for wine storage tanks as follows:

- 1) Capture of VOCs and thermal or catalytic oxidation or equivalent (98% control)
- 2) Capture of VOCs and carbon adsorption or equivalent (95% control)
- 3) Capture of VOCs and absorption or equivalent (90% control)
- 4) Capture of VOCs and condensation or equivalent (70% control)

### Step 2 - Eliminate Technologically Infeasible Options

None of the above listed technologies are technologically infeasible.

### Step 3 - Rank Remaining Control Technologies by Control Effectiveness

Rank by Control Effectiveness		
Rank	Control	Overall Capture and Control Efficiency
1	Capture of VOCs and thermal or catalytic oxidation or equivalent	98%
2	Capture of VOCs and carbon adsorption or equivalent	95%
3	Capture of VOCs and absorption or equivalent	90%
4	Capture of VOCs and condensation or equivalent	70%
5	Insulation or Equivalent, Pressure Vacuum Relief Valve (PVRV) set within 10% of the maximum allowable working pressure of the tank; "gas-tight" tank operation; and continuous storage temperature not exceeding 75 degrees F, achieved within 60 days of completion of fermentation	Baseline (Achieved-in-Practice)

#### **Step 4 - Cost Effectiveness Analysis**

A cost-effective analysis is performed for each control technology which is more effective than meeting the requirements of District Rule 4694 plus tank insulation (achieved-in-practice BACT), as proposed by the facility.

##### Collection System Capital Investment (based on ductwork)

A common feature of all thermal or catalytic oxidation/carbon adsorption/absorption or condensation options is that they require installation of a collection system for delivering the VOCs from the tanks to the common control device.

Collection system to consist of:

- The collection system consists of stainless steel plate ductwork (stainless steel is required due to food grade product status) with isolation valving, connecting 68 tanks to a common manifold system which ducts the combined vent to the common control device. The cost of dampers and isolation valving, installed in the ductwork, will be included in the cost estimate.
- A minimum duct size is established at six inches diameter at each tank to provide adequate strength for spanning between supports. The main header is twelve inches diameter to handle the potential for simultaneous venting.

##### Capital Cost Ductwork

Connection from tank to main duct = 23 tanks x 25 feet x \$61.30/foot = \$35,248

Unit installed cost for 6 inch butterfly valve = \$2,125/valve x 23 valves x 2 systems = \$97,750

Unit installed cost one foot removable spool = \$500/tank x 23 tanks x 2 systems = \$23,000

Knockout drums = \$92,600 x 2 = \$185,200

Duct support allowance = \$5,000/tank x 23 tanks = \$115,000

Total = \$35,248 + \$97,750 + \$23,000 + \$185,200 + \$115,000 = \$456,198

<b>Ductwork</b>	
Cost Description	Cost (\$)
Duct Estimate from Eichleay Study 2005 Data	\$456,198
Adjusting factor from 2005 dollars to 2014 dollars (2.75% inflation/year)	1.27
Inflation adjusted duct cost	\$579,371
The following cost data is taken from EPA Control Cost Manual, Sixth Edition (EPA/452/B-02-001).	
<b>Direct Costs (DC)</b>	
Base Equipment Costs (Ductwork) See Above	\$579,371
Instrumentation 10%	\$57,937
Sales Tax 3%	\$17,381
Freight 5%	\$28,969
<b>Purchased equipment cost</b>	<b>\$683,658</b>
Foundations & supports 8%	\$54,693
Handling & erection 14%	\$95,712
Electrical 4%	\$27,346
Piping 2%	\$13,673
Painting 1%	\$6,837
Insulation 1%	\$6,837
<b>Direct installation costs</b>	<b>\$205,098</b>
<b>Total Direct Costs</b>	<b>\$888,756</b>
<b>Indirect Costs (IC)</b>	
Engineering 10%	\$68,366
Construction and field expenses 5%	\$34,183
Contractor fees 10%	\$68,366
Start-up 2%	\$13,673
Performance test 1%	\$6,837
Contingencies 3%	\$20,510
<b>Total Indirect Costs</b>	<b>\$211,935</b>
<b>Total Capital Investment (TCI) (DC + IC)</b>	<b>\$1,100,691</b>

#### Capital Cost Clean-In-Place (CIP) System

A ducting system on a tank farm must have this system to maintain sanitation and quality of the product. The cost of operation of the CIP system has not been estimated. Operation of a CIP system, using typical cleaning agents, will raise disposal and wastewater treatment costs. Most likely, these costs will be significant.

<b>Clean-In-Place (CIP) System</b>	
Cost Description	Cost (\$)
Current cost of CIP system	\$200,000
The following cost data is taken from EPA Control Cost Manual, Sixth Edition (EPA/452/B-02-001).	

<b>Direct Costs (DC)</b>	
Base Equipment Costs (CIP System) See Above	\$200,000
Instrumentation 10%	\$20,000
Sales Tax 3%	\$6,000
Freight 5%	\$10,000
<b>Purchased equipment cost</b>	<b>\$236,000</b>
Foundations & supports 8%	\$18,880
Handling & erection 14%	\$33,040
Electrical 4%	\$9,440
Piping 2%	\$4,720
Painting 1%	\$2,360
Insulation 1%	\$2,360
<b>Direct installation costs</b>	<b>\$70,800</b>
<b>Total Direct Costs</b>	<b>\$306,800</b>
<b>Indirect Costs (IC)</b>	
Engineering 10%	\$23,600
Construction and field expenses 5%	\$11,800
Contractor fees 10%	\$23,600
Start-up 2%	\$4,720
Performance test 1%	\$2,360
Contingencies 3%	\$7,080
<b>Total Indirect Costs</b>	<b>\$73,160</b>
<b>Total Capital Investment (TCI) (DC + IC)</b>	<b>\$379,960</b>

### Annualized Capital Costs

$$\begin{aligned}
 \text{Total capital costs} &= \text{Ductwork} + \text{CIP System} \\
 &= \$1,100,691 + \$379,960 \\
 &= \$1,480,651
 \end{aligned}$$

Annualized Capital Investment = Initial Capital Investment x Amortization Factor

$$\text{Amortization Factor} = \left[ \frac{0.1(1.1)^{10}}{(1.1)^{10} - 1} \right] = 0.163 \text{ per District policy, amortizing over 10 years at 10\%}$$

Therefore,

$$\text{Annualized Capital Investment} = \$1,480,651 \times 0.163 = \$241,346$$

**Capture of VOCs and condensation (> 70% collection & control)**

**Total Annual Cost**

Total Annual Cost = Ductwork + CIP System  
= \$241,346

**Emission Reductions**

Annual Emission Reduction = Uncontrolled Emissions x 0.70 ÷ 2,000 lb/ton

Emission reductions will be calculated for each tank volume proposed in this project.

<b>Annual Emission Reductions</b>		
Tank Volume (gallons)	Uncontrolled Annual PE (lb/year)	Emission Reductions (tons/year)
7,700	1,290	0.45
10,200	1,709	0.60
10,500	1,759	0.62
14,400	2,413	0.84
19,200	3,217	1.13
28,700	4,808	1.68

**Cost Effectiveness**

Cost Effectiveness = Total Annual Cost ÷ Annual Emission Reductions  
= \$241,346/year ÷ Annual Emission Reductions

<b>Cost Effectiveness</b>	
Tank Volume (gallons)	Cost Effectiveness (\$/ton)
7,700	534,543
10,200	403,487
10,500	392,018
14,400	285,769
19,200	214,349
28,700	143,419

The analysis demonstrates that the annualized purchase cost of the required collection system ductwork equipment alone results in a cost effectiveness which exceeds the District's Guideline of \$17,500/ton-VOC. Therefore this option is not cost-effective and will not be considered for this project.

**Collection of VOCs and control by absorption (> 90% collection & control)**

**Total Annual Cost**

Total Annual Cost = Ductwork + CIP System  
= \$241,346

**Emission Reductions**

Annual Emission Reduction = Uncontrolled Emissions x 0.90 ÷ 2,000 lb/ton

Emission reductions will be calculated for each tank volume proposed in this project.

<b>Annual Emission Reductions</b>		
Tank Volume (gallons)	Uncontrolled Annual PE (lb/year)	Emission Reductions (tons/year)
7,700	1,290	0.58
10,200	1,709	0.77
10,500	1,759	0.79
14,400	2,413	1.09
19,200	3,217	1.45
28,700	4,808	2.16

**Cost Effectiveness**

Cost Effectiveness = Total Annual Cost ÷ Annual Emission Reductions  
= \$241,346/year ÷ Annual Emission Reductions

<b>Cost Effectiveness</b>	
Tank Volume (gallons)	Cost Effectiveness (\$/ton)
7,700	415,755
10,200	313,824
10,500	304,903
14,400	222,265
19,200	166,716
28,700	111,548

The analysis demonstrates that the annualized purchase cost of the required collection system ductwork equipment alone results in a cost effectiveness which exceeds the District's Guideline of \$17,500/ton-VOC. Therefore this option is not cost-effective and will not be considered for this project.

**Collection of VOCs and control by carbon adsorption (> 95% collection and control)**

**Total Annual Cost**

Total Annual Cost = Ductwork + CIP System  
= \$241,346

**Emission Reductions**

Annual Emission Reduction = Uncontrolled Emissions x 0.95 ÷ 2,000 lb/ton

Emission reductions will be calculated for each tank volume proposed in this project.

<b>Annual Emission Reductions</b>		
Tank Volume (gallons)	Uncontrolled Annual PE (lb/year)	Emission Reductions (tons/year)
7,700	1,290	0.61
10,200	1,709	0.81
10,500	1,759	0.84
14,400	2,413	1.15
19,200	3,217	1.53
28,700	4,808	2.28

**Cost Effectiveness**

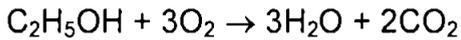
Cost Effectiveness = Total Annual Cost ÷ Annual Emission Reductions  
= \$241,346/year ÷ Annual Emission Reductions

<b>Cost Effectiveness</b>	
Tank Volume (gallons)	Cost Effectiveness (\$/ton)
7,700	393,874
10,200	297,307
10,500	288,856
14,400	210,566
19,200	157,941
28,700	105,677

The analysis demonstrates that the annualized purchase cost of the required collection system ductwork equipment alone results in a cost effectiveness which exceeds the District's Guideline of \$17,500/ton-VOC. Therefore this option is not cost-effective and will not be considered for this project.

**Collection of VOCs and control by thermal or catalytic oxidation**  
**(> 98% collection & control)**

The balanced chemical equation for combustion of ethanol is shown below.



The RTO would be connected by ducts to the tanks themselves. If the tanks were to overflow and send liquid down the duct, damage to the RTO could occur. The presence of significant liquid in the knock out drum would cause a shutdown of the RTO until the issue could be corrected. The ducting costs include a knock out drum allowance.

**Total Annual Cost**

$$\begin{aligned} \text{Total Annual Cost} &= \text{Ductwork} + \text{CIP System} \\ &= \$241,346 \end{aligned}$$

**Emission Reductions**

$$\text{Annual Emission Reduction} = \text{Uncontrolled Emissions} \times 0.98 \div 2,000 \text{ lb/ton}$$

Emission reductions will be calculated for each tank volume proposed in this project.

<b>Annual Emission Reductions</b>		
Tank Volume (gallons)	Uncontrolled Annual PE (lb/year)	Emission Reductions (tons/year)
7,700	1,290	0.63
10,200	1,709	0.84
10,500	1,759	0.86
14,400	2,413	1.18
19,200	3,217	1.58
28,700	4,808	2.36

**Cost Effectiveness**

$$\begin{aligned} \text{Cost Effectiveness} &= \text{Total Annual Cost} \div \text{Annual Emission Reductions} \\ &= \$241,346/\text{year} \div \text{Annual Emission Reductions} \end{aligned}$$

<b>Cost Effectiveness</b>	
Tank Volume (gallons)	Cost Effectiveness (\$/ton)
7,700	381,816
10,200	288,205
10,500	280,013
14,400	204,121
19,200	153,106
28,700	102,442

The analysis demonstrates that the annualized purchase cost of the required collection system ductwork equipment alone results in a cost effectiveness which exceeds the District's Guideline of \$17,500/ton-VOC. Therefore this option is not cost-effective and will not be considered for this project.

#### **Step 5 - Select BACT**

All identified feasible options with control efficiencies higher than the option proposed by the facility have been shown to not be cost effective. The facility has proposed Option 1, insulated tank, pressure/vacuum valve set within 10% of the maximum allowable working pressure of the tank, "gas tight" tank operation and achieve and maintain a continuous storage temperature not exceeding 75 °F within 60 days of completion of fermentation. These BACT requirements will be listed on the permits as enforceable conditions.

## **APPENDIX D**

### **Compliance Certification**

4/16/2014

Mr. Jim Swaney  
San Joaquin Valley Air Pollution Control District  
1990 E Gettysburg Avenue  
Fresno CA 93726

**Subject: Compliance Statement for Golden State Vintners-Fresno C-581**

Dear Mr. Swaney:

In accordance with Rule 2201, Section 4.15, "Additional Requirements for New Major Sources and Federal Major Modifications," **Golden State Vintners-Fresno** is pleased to provide this compliance statement regarding its proposed winery project **C-1140954**.

All major stationary sources in California owned or operated by **Golden State Vintners-Fresno**, or by any entity controlling, controlled by, or under common control with **Golden State Vintners-Fresno**, and which are subject to emission limitations, are in compliance or on a schedule for compliance with all applicable emission limitations and standards. These sources include one or more of the following facilities:

Facility #1: **Golden State Vintners-Fresno 7409 W. Central Ave, Fresno, CA 93706**

Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Please contact me if you have any questions regarding this certification.

Sincerely,



Michael Donich  
Plant Manager  
Golden State Vintners – Fresno  
Phone (559) 266 – 6548  
Fax (559) 264 – 0300