



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

NOV 21 2012

Paul Franzia
Bronco Wine Company
P.O. Box 789
Ceres, CA 95307

**Re: Proposed Authorities to Construct / Certificate of Conformity (Minor Mod)
District Facility # N-1665
Project # N-1122878**

Dear Mr. Franzia:

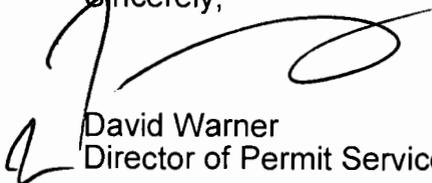
Enclosed for your review is the District's analysis of your application for Authorities to Construct for the facility identified above. You have requested that a Certificate of Conformity with the procedural requirements of 40 CFR Part 70 be issued with this project. The applicant proposes to increase the maximum ethanol content of wine stored from 13% to 14 %, increase the maximum daily and annual storage temperature from 65 degrees and 50 degrees to 77.3 degrees and 61.6 degrees respectively and remove the annual average liquid height requirement.

After addressing any EPA comments made during the 45-day comment period, the Authorities to Construct will be issued to the facility with a Certificate of Conformity. 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,



David Warner
Director of Permit Services

Enclosures

cc: Jesse A. Garcia, Permit Services

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
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Central Region (Main Office)
1990 E. Gettysburg Avenue
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San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

NOV 21 2012

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

Re: **Proposed Authorities to Construct / Certificate of Conformity (Minor Mod)
District Facility # N-1665
Project # N-1122878**

Dear Mr. Rios:

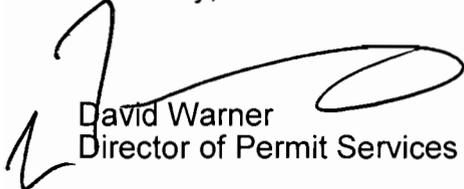
Enclosed for your review is the District's engineering evaluation of an application for Authorities to Construct for Bronco Wine Company, located at at 6342 Bystrum Road in Ceres, which has been issued a Title V permit. Bronco Wine Company is requesting that a Certificate of Conformity, with the procedural requirements of 40 CFR Part 70, be issued with this project. The applicant proposes to increase the maximum ethanol content of wine stored from 13% to 14 %, increase the maximum daily and annual storage temperature from 65 degrees and 50 degrees to 77.3 degrees and 61.6 degrees respectively and remove the annual average liquid height requirement.

Enclosed is the engineering evaluation of this application, a copy of the current Title V permit, and proposed Authorities to Construct # ATCs N-1665-497-2 to -506-2 with Certificate of Conformity. After demonstrating compliance with the Authorities to Construct, the conditions will be incorporated into the facility's Title V permit through an administrative amendment.

Please submit your written comments on this project within the 45-day comment period that begins on the date you receive this letter. 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,



David Warner
Director of Permit Services

Enclosures
cc: Jesse A. Garcia, Permit Services

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San Joaquin Valley Air Pollution Control District
Authority to Construct Application Review
Modification of Wine Storage Tanks

Facility Name:	Bronco Wine Company	Date:	November 14, 2012
Mailing Address:	P O Box 789 Ceres, CA 95307	Engineer:	Jesse A. Garcia
Contact Person:	Paul W. Franzia	Lead Engineer:	Joven Refuerzo
Telephone:	(209) 585-5287		
Fax:	(209) 538-8074		
Application #(s):	N-1665-497-2 to '-506-2		
Project #:	N-1122878		
Deemed Complete:	September 6, 2012		

I. Proposal

Bronco Wine Company has proposed to increase ethanol content of the wine stored from 13% (by vol.) to 14% (by vol.) for each of the identical permits in this project.

The minimum liquid height limit of 19 feet and the maximum daily and annual wine storage temperature will be revised from 65°F and 50°F to 77.3°F and 61.6°F respectively pursuant to District Policy APR 1110, *Using Revised Emission Factors*; therefore, the existing conditions limiting the minimum height and storage temperatures will be removed as they are all now standard assumptions established in District Policy FYI-295. See Section VII.B for further details.

Bronco Wine Company received their Title V Permit. This modification can be classified as a Title V minor modification pursuant to Rule 2520, and can be processed with a Certificate of Conformity (COC). Since the facility has specifically requested that this project be processed in that manner, the 45-day EPA comment period will be satisfied prior to the issuance of the Authority to Construct. Bronco Wine Company must apply to administratively amend their Title V permit.

II. Applicable Rules

Rule 2201	New and Modified Stationary Source Review Rule (4/21/11)
Rule 2520	Federally Mandated Operating Permits (6/21/01)
Rule 4001	New Source Performance Standards (4/14/99)
Rule 4002	National Emissions Standards for Hazardous Air Pollutants (5/20/04)
Rule 4102	Nuisance (12/17/92)
Rule 4694	Wine Fermentation and Storage Tanks (12/15/05)
CH&SC 41700	Health Risk Assessment
CH&SC 42301.6	School Notice
Public Resources Code 21000-21177:	California Environmental Quality Act (CEQA)

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

III. Project Location

The facility is located at 6342 Bystrum Road, Ceres, California. The proposed tanks will not be located within 1,000 feet of any K-12 school. Therefore, public notice under the California Health & Safety Code 42301.6 is not required.

IV. Process Description

The existing tanks are used to store wine with an ethanol content of up to 14% (by vol.).

V. Equipment Listing

Pre-Project Equipment Description:

Permit #	Equipment Description
N-1665-497-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1410) WITH PRESSURE/VACUUM VALVE
N-1665-498-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1411) WITH PRESSURE/VACUUM VALVE
N-1665-499-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1412) WITH A PRESSURE/VACUUM VALVE
N-1665-500-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1413) WITH A PRESSURE/VACUUM VALVE
N-1665-501-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1414) WITH PRESSURE/VACUUM VALVE
N-1665-502-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1415) WITH PRESSURE/VACUUM VALVE
N-1665-503-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1416) WITH PRESSURE/VACUUM VALVE
N-1665-504-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1417) WITH A PRESSURE/VACUUM VALVE
N-1665-505-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1418) WITH A PRESSURE/VACUUM VALVE
N-1665-506-1	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1419) WITH A PRESSURE/VACUUM VALVE

Proposed Modification:

Permit #	Equipment Description
N-1665-497-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1410) WITH PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
N-1665-498-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1411) WITH PRESSURE/VACUUM

	VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
N-1665-499-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1412) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
N-1665-500-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1413) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
N-1665-501-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1414) WITH PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
N-1665-502-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1415) WITH PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
N-1665-503-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1416) WITH PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
N-1665-504-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1417) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
N-1665-505-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1418) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
N-1665-506-1	MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1419) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

	TEMPERATURE FROM 50 DEG F TO 61.6 DEG F
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Post-Project Equipment Description:

Permit #	Equipment Description
N-1665-497-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1410) WITH PRESSURE/VACUUM VALVE
N-1665-498-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1411) WITH PRESSURE/VACUUM VALVE
N-1665-499-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1412) WITH A PRESSURE/VACUUM VALVE
N-1665-500-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1413) WITH A PRESSURE/VACUUM VALVE
N-1665-501-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1414) WITH PRESSURE/VACUUM VALVE
N-1665-502-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1415) WITH PRESSURE/VACUUM VALVE
N-1665-503-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1416) WITH PRESSURE/VACUUM VALVE
N-1665-504-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1417) WITH A PRESSURE/VACUUM VALVE
N-1665-505-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1418) WITH A PRESSURE/VACUUM VALVE
N-1665-506-2	14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1419) WITH A PRESSURE/VACUUM VALVE

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). PV relief valves are used to reduce release of VOCs 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. Furthermore, the existing tanks are insulated and the new tanks will be placed in a climate controlled building to minimize the breathing losses.

VII. General Calculations

A. Assumptions

- Pre-project maximum ethanol content of stored wine is 13%
- Post-project maximum ethanol content of stored wine is 14%
- Pre-project wine storage throughput = post-project wine storage throughput

B. Emission Factors

Pre-Project

Per District APR 1110, *Using Revised Emission Factors*, the pre-project emissions will be recalculated using revised generally accepted emission factors pursuant to District FYI-295, *Modeling of Emissions for Wine and Distilled Spirits Storage Tanks Using Tanks 4.0d*, and taken from District FYI-114, *VOC Emission Factors for Wine Fermentation and Storage Tanks*.

The minimum liquid height limit of 19 feet will be removed because the tank is insulated; therefore, pursuant to FYI-295, the contents are assumed to be uniform in temperature and the values for average and maximum liquid height in the tank have no impact on the emissions estimate.

Also, the maximum daily and annual wine storage temperature will be revised from 65°F and 50°F to 77.3°F and 61.6°F respectively pursuant to FYI-295.

Therefore, the uncontrolled emissions factors used to calculate pre-project emissions are taken from District FYI-114, table 1 and summarized below:

Vol %	EF1 (lb-VOC/1,000 gallon of wine)		Source
	Daily	Annual	
13	0.210	0.120	FYI-114

Post-Project

Uncontrolled emissions factors are taken from District FYI-114, *VOC Emission Factors for Wine Fermentation and Storage Tanks*, Table 1.

Vol %	EF2 (lb-VOC/1,000 gallon of wine)		Source
	Daily	Annual	
14	0.223	0.128	FYI-114

C. Calculations

1. Pre-Project Potential to Emit (PE1)

Daily PE1 = Daily Throughput x EF1 (lb/1000 gal)

Pre-Project Potential to Emit (PE1)			
	Max Daily Throughput (gal/day)	EF1 per FYI-114 (lb/1000 gal)	Daily PE1 (lb/day, each)
Typical 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK WITH PRESSURE/VACUUM VALVE (PTOs N-1665-497-1 through -506-1)	15,000	0.210	3.2

Annual PE1 = Annual Throughput x EF1 (lb/1000 gal)

Post-Project Potential to Emit (PE1)			
	Max Annual Throughput (gal/year)	EF1 per FYI-114 (lb/1000 gal)	Annual PE1 (lb/year, each)
Typical 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK WITH PRESSURE/VACUUM VALVE (PTOs N-1665-497-1 through -506-1)	425,000	0.120	51
Total (x 10 typical tanks) lb/year			510

2. Post Project Potential to Emit (PE2)

Daily PE2 = Daily Throughput x EF2 (lb/1000 gal)

Post-Project Potential to Emit (PE2)			
	Max Daily Throughput (gal/day)	EF2 per FYI-114 (lb/1000 gal)	Daily PE2 (lb/day, each)
Typical 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK WITH PRESSURE/VACUUM VALVE (ATCs N-1665-497-2 through -506-2)	15,000	0.223	3.3

Annual PE2 = Annual Throughput x EF2 (lb/1000 gal)

Post-Project Potential to Emit from Storage Operations (PE2)			
	Max Annual Throughput (gal/year)	EF2 per FYI-114 (lb/1000 gal)	Annual PE2 (lb/year, each)
Typical 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK WITH PRESSURE/VACUUM VALVE (ATCs N-1665-497-2 through -506-2)	425,000	0.128	54*
Total (x 10 typical tanks) lb/year			540

* Per District Policy APR 1130, an IPE of less than 0.5 lb/day (equivalent to 183 lb/year), calculated emissions unit by emission unit, is to be rounded to zero for the purposes of triggering NSR requirements and therefore the requirements are not triggered. However, to minimize rounding errors, DELs, SSPE, PE and all other associated figures will be reflected in the EE and the permits without setting a daily increase in emissions of less than 0.5 lb/day (equivalent to 183 lb/year) to zero. This project has an annual PE2 of less than 183 lb/year; therefore, NSR requirements are not triggered.

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

Pursuant to Section 4.9 of District Rule 2201, the Pre-Project Stationary Source Potential to Emit (SSPE1) is the Potential to Emit (PE) from all units with valid Authorities to

Construct (ATC) or Permits to Operate (PTO) at the Stationary Source and the quantity of emission reduction credits (ERC) which have been banked since September 19, 1991 for Actual Emissions Reductions that have occurred at the source, and which have not been used on-site.

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

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

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

6. Baseline Emissions (BE)

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

Pursuant to Section 3.7 of District Rule 2201, BE = Pre-project Potential to Emit for:

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

otherwise,

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

The permit units in this project only emit VOC and therefore the BE determination is only required for this pollutant, as discussed in the following sections:

BE VOC

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

All existing tanks in this project meet the District's current achieved-in-practice BACT for storage tanks by being equipped with a PV valve. Therefore all existing tank emission units are *Clean Emissions Units* pursuant to District Rule 2201 and BE = PE1.

Therefore, BE = 51 lb/year, each.

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."

Calculated emission increases from new or modified emission units that are less than or equal to 0.5 lb/day (equivalent to 183 lb/year) are rounded to 0 (consistent with District Policy APR-1130 Increases Maximum Daily Permitted Emissions Less Than or Equal to 0.5 lb/day). This calculation is performed on an emissions unit by emissions unit basis. New or modified emission units with emission increases that round to 0 shall not constitute an SB 288 Major Modification.

This project results in an emission increase less than 183 lb/year for each emissions unit. Therefore, this project shall not constitute an SB 288 Major Modification.

8. Federal Major Modification

District Rule 2201, Section 3.17 states that major modifications are also federal major modifications, unless they qualify for either a "Less-Than-Significant Emissions Increase" exclusion or a "Plantwide Applicability Limit" (PAL) exclusion.

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

- To determine the post-project projected actual emissions from existing units, the provisions of 40 CFR 51.165 (a)(1)(xxviii) shall be used.

- To determine the pre-project baseline actual emissions, the provisions of 40 CFR 51.165 (a)(1)(xxxv)(A) through (D) shall be used.
- If the project is determined not to be a federal major modification pursuant to the provisions of 40 CFR 51.165 (a)(2)(ii)(B), but there is a reasonable possibility that the project may result in a significant emissions increase, the owner or operator shall comply with all of the provisions of 40 CFR 51.165 (a)(6) and (a)(7).
- Emissions increases calculated pursuant to this section are significant if they exceed the significance thresholds specified in the table below.

Significant Threshold (lb/year)	
Pollutant	Threshold (lb/year)
VOC	0

Calculated emission increases from new or modified emission units that are less than or equal to 0.5 lb/day (equivalent to 183 lb/year) are rounded to 0 (consistent with District Policy APR-1130 Increases Maximum Daily Permitted Emissions Less Than or Equal to 0.5 lb/day). This calculation is performed on an emissions unit by emissions unit basis. New or modified emission units with emission increases that round to 0 shall not constitute a Federal Major Modification.

This project results in an emission increase less than 183 lb/day for each emissions unit. Therefore, this project shall not constitute a Federal Major Modification.

9. Quarterly Net Emissions Change (QNEC)

The QNEC is calculated solely to establish emissions that are used to complete the District's PAS emissions profile screen. Detailed QNEC calculations are included in Appendix C.

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 for the following*:

- a. Any new emissions unit with a potential to emit exceeding two pounds per day,
- b. The relocation from one Stationary Source to another of an existing emissions unit with a potential to emit exceeding two pounds per day,
- c. Modifications to an existing emissions unit with a valid Permit to Operate resulting in an AIPE exceeding two pounds per day, and/or
- d. Any new or modified emissions unit, in a stationary source project, which results in 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 discussed in Section I above, there are no new emissions units associated with this project. Therefore BACT for new units with PE > 2 lb/day purposes is not triggered.

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

There are no emissions units being relocated from one stationary source to another, hence BACT is not triggered under this category.

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

$$\text{AIPE} = \text{PE2} - \text{HAPE}$$

Where,

AIPE = Adjusted Increase in Permitted Emissions, (lb/day)

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

HAPE = Historically Adjusted Potential to Emit, (lb/day)

$$\text{HAPE} = \text{PE1} \times (\text{EF2}/\text{EF1})$$

Where,

PE1 = The emissions unit's PE prior to modification or relocation, (lb/day)
EF2 = The emissions unit's permitted emission factor for the pollutant after modification or relocation. If EF2 is greater than EF1 then EF2/EF1 shall be set to 1

EF1 = The emissions unit's permitted emission factor for the pollutant before the modification or relocation

$$\text{AIPE} = \text{PE2} - (\text{PE1} * (\text{EF2} / \text{EF1}))$$

VOC

EF2 = EF1; therefore, EF2/EF1 = 1. For each tank,

$$\begin{aligned} \text{AIPE} &= 3.3 - (3.2 * 1) \\ &= 3.3 - 3.2 = 0.1 \text{ lb/day} \end{aligned}$$

Therefore, BACT is not triggered for VOC emissions.

d. SB 288/Federal Major Modification

As discussed in Section VII.C.7 above, this project does not constitute a SB288 or Federal Major Modification. Therefore BACT is not triggered.

B. Offsets

1. Offset Applicability

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

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.

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

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

Where,

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

BE = Baseline Emissions, (lb/year)

ICCE = Increase in Cargo Carrier Emissions, (lb/year)
DOR = Distance Offset Ratio, determined pursuant to Section 4.8

BE = Pre-project Potential to Emit for:

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

otherwise,

BE = Historic Actual Emissions (HAE)

Per District Policy APR 1130, an IPE of less than 0.5 lb/day (equivalent to 183 lb/year) is to be rounded to zero for the purposes of triggering NSR requirements. This project results in an emission increase of less than 183 lb/year for each unit. Therefore, offsets are not required for this project.

C. Public Notification

1. Applicability

Public noticing is required for:

- a. New Major Sources, Federal Major Modifications, and SB288 Major Modifications,
- b. Any new emissions unit with a Potential to Emit greater than 100 pounds during any one day for any one pollutant,
- c. Any project which results in the offset thresholds being surpassed, and/or
- d. Any project with an SSIPE of greater than 20,000 lb/year for any pollutant.

a. New Major Sources, Federal Major Modifications, and SB288 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 VII.C.7, this project is not an SB 288 or Federal Major Modification. Therefore, public noticing for SB 288 or Federal Major Modification purposes is not 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. There

are no new emissions units associated with this project. Therefore public noticing is not required for this project for PE > 100 lb/day.

c. Offset Threshold

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

Offset Threshold				
Pollutant	SSPE1 (lb/year)	SSPE2 (lb/year)	Offset Threshold	Public Notice Required?
VOC	> 20,000	> 20,000	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 Stationary Source Increase in Permitted Emissions (SSIPE) of more than 20,000 lb/year of any affected pollutant. According to District policy, the SSIPE is calculated as the Post Project Stationary Source Potential to Emit (SSPE2) minus the Pre-Project Stationary Source Potential to Emit (SSPE1), i.e. $SSIPE = SSPE2 - SSPE1$. The values for SSPE2 and SSPE1 are calculated according to Rule 2201, Sections 4.9 and 4.10, respectively. The SSIPE is compared to the SSIPE Public Notice thresholds in the following table:

Stationary Source Increase in Permitted Emissions [SSIPE] – Public Notice					
Pollutant	$\Sigma PE2$ (lb/year)	$\Sigma PE1$ (lb/year)	SSIPE (lb/year)	SSIPE Public Notice Threshold	Public Notice Required?
VOC	540	510	30	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, this project will not result in emissions, for any pollutant, which would subject the project to any of the noticing requirements listed above. Therefore, public notice will not be required for this project.

D. Daily Emission Limits (DELs)

Daily Emissions Limitations (DELs) and other enforceable conditions are required by Section 3.16 to restrict a unit's maximum daily emissions, to a level at or below the emissions associated with the maximum design capacity. Per Sections 3.16.1 and 3.16.2,

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 tank emissions units affected by this project, the DELs are stated as follows:

Proposed Rule 2201 (DEL) Conditions:

- The ethanol content of wine stored in this tank shall not exceed 14 percent by volume. [District Rule 2201]
- The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201]
- The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per day. [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 offsets, public notification and daily emission limit requirements of Rule 2201. Recordkeeping is also required for winery tanks pursuant to District Rule 4694, *Wine Fermentation and Storage Tanks*. The following conditions will be placed on the permits:

- 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 Rule 4694, 5.2.2]
- 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]
- The operator shall record, on a daily basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]

- The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 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.

Rule 2520 Federally Mandated Operating Permits

This facility is subject to this Rule, and has received their Title V Operating Permit. The proposed modification is a Minor Modification to the Title V Permit.

In accordance with Rule 2520, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and
 - b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

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 may construct/operate under the ATC upon submittal of the Title V administrative amendment/minor modification application.

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 tank operations.

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 tank operations.

Rule 4102 Nuisance

Rule 4102 states that no air contaminant shall be released into the atmosphere which causes a public nuisance. Public nuisance conditions are not expected as a result of the proposed operations provided the equipment is well maintained. Therefore, the following condition, which is included on the facility-wide permit, will ensure compliance:

- {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 4694 Wine Fermentation and Storage Tanks

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

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

has submitted the required plan to the District and is currently satisfying the required emission reductions in the form of Certified Emission Reductions.

The following condition on the facility-wide permit (unit 0-1) ensures compliance:

- This facility shall annually achieve the Required Annual Emission Reductions (RAER) as specified in the facility's APCO-approved Three-Year Compliance Plan for District Rule 4694. [District Rule 4694]

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 permits for stainless steel tanks \geq 5,000 gallons in capacity and used for storage (permit units N-1237-490 through -569) 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, 5.2.1]
- The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1]

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 for stainless steel tanks \geq 5,000 gallons in capacity and used for storage (permit units N-1237-490 through -569) 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 Rule 4694, 5.2.2]

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

- By December 1, 2006, and every three years thereafter, the winery operator subject to the requirements of Section 5.1 shall submit to the District a three-year compliance plan that demonstrates compliance with the applicable requirements of District Rule 4694 for each year of the applicable compliance period. The three-year compliance plan shall include all the information specified in sections 6.1.1 through 6.1.8 of the rule. [District Rule 4694, 6.1]
- By July 1, 2007, and every three years thereafter, the winery operator shall submit to the District a three-year compliance plan verification that demonstrates that the three-year compliance plan elements are in effect. The compliance plan verification shall include all the information specified in sections 6.2.1 through 6.2.5 of District Rule 4694. [District Rule 4694, 6.2]
- By February 1, 2008, and every year thereafter, the winery operator shall submit to the District an annual compliance plan demonstration that shows compliance with the applicable requirements of District Rule 4694. The compliance plan demonstration shall include all the information specified in sections 6.3.1 through 6.3.7 of the rule. All additional Required Annual Emissions Reductions (RAER) shall be obtained by April 1 of the year of the Annual Compliance Demonstration, per section 6.3.7.2 of the rule. [District Rule 4694, 6.3]
- Operators using CER to mitigate fermentation emissions shall perform all monitoring and recordkeeping, as established in their approved Three-Year Compliance Plan, and shall maintain all records necessary to demonstrate compliance. [District Rule 4694]

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 for each storage tank (permit units N-1237-490 through -569) to ensure compliance with the requirements of Section 6.4.2:

- The operator shall record, on a daily basis, the total gallons of wine contained in the tank and the maximum temperature of the stored wine. [District Rule 4694, 6.4.2]

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 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.

District FYI-260, Greenhouse Gas Emissions from Wine Fermentation Processes, establishes that for the purpose of calculating potential increases in greenhouse gas (GHG) emissions, CO₂ emissions from wine fermentation processes are considered carbon neutral. Therefore, the District concludes that the project would have a less than cumulatively significant impact on global climate change.

District CEQA Findings

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

IX. Recommendation

Compliance with all applicable rules and regulations is expected. Issue Authorities to Construct N-1665-497-2 through -506-2 subject to the permit conditions on the attached draft Authorities to Construct in Appendix B.

X. Billing Information

Annual Permit Fees			
Permit Number	Fee Schedule	Fee Description	Annual Fee
N-1665-497-2 through -506-2	3020-05-B	14,218 gallons	\$93.00

XI. Appendices

- A: Current PTOs
- B: Draft ATCs
- C: Quarterly Net Emissions Change

Appendix A

Current PTOs

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-497-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1410) WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
2. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694, 5.2.2]
4. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 1070]
12. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 1070]
13. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. 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
15. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
16. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-498-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1411) WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
2. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694, 5.2.2]
4. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 1070]
12. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 1070]
13. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. 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
15. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
16. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-499-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1412) WITH A PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
4. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. 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 Rule 4694, 5.2.2]
5. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Daily VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]
15. Daily throughput records, including records of filling and emptying operations, the dates of such operations, a unique identifier for each batch, the volume percent ethanol in the batch, and the volume of wine transferred, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-500-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1413) WITH A PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
4. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. 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 Rule 4694, 5.2.2]
5. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Daily VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]
15. 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
16. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-501-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1414) WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
2. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694, 5.2.2]
4. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 1070]
12. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 1070]
13. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. 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
15. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
16. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-502-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1415) WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
2. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694, 5.2.2]
4. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 1070]
12. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 1070]
13. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. 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
15. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
16. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-503-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1416) WITH PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
2. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rule 4694, 5.2.2]
4. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 1070]
12. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 1070]
13. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. 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
15. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
16. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-504-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1417) WITH A PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
4. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. 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 Rule 4694, 5.2.2]
5. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Daily VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]
15. 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
16. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-505-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1418) WITH A PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
4. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. 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 Rule 4694, 5.2.2]
5. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Daily VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]
15. 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
16. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-1665-506-1

EXPIRATION DATE: 04/30/2013

EQUIPMENT DESCRIPTION:

14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1419) WITH A PRESSURE/VACUUM VALVE

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This tank shall be equipped with and operated with a pressure-vacuum relief valve, which shall operate within 10% of the maximum allowable working pressure of the tank, operate in accordance with the manufacturer's instructions, and be permanently labeled with the operating pressure settings. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
3. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit
4. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. 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 Rule 4694, 5.2.2]
5. The annual average ethanol content of wine stored in this tank shall not exceed 13 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The maximum surface liquid temperature of wine stored in this tank shall not exceed 65 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The annual average surface liquid temperature of wine stored in this tank shall not exceed 50 degrees Fahrenheit. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The annual average liquid height of wine stored in this tank shall be a minimum of 19 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The maximum wine storage throughput in this tank shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Daily VOC emissions from wine stored in this tank shall not exceed 0.3 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The operator shall record the temperature of the stored wine weekly and each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The operator shall record the ethanol content and liquid height of wine stored in this tank each time the tank is filled. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The operator shall record, on a weekly basis, the total gallons of wine contained in the tank. [District Rule 4694, 6.4.2]
15. 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
16. Tank temperature shall be measured approximately two feet from the top of the liquid surface. For the purposes of this permit, this temperature measurement shall be equal to the surface temperature measurement as well as the bulk liquid temperature measurement. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rules 1070, 2201 and 4694] Federally Enforceable Through Title V Permit

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

Appendix B

Draft ATCs

San Joaquin Valley
Air Pollution Control District

AUTHORITY TO CONSTRUCT

ISSUANCE DATE: DRAFT

PERMIT NO: N-1665-497-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1410) WITH PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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. 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, 5.2.1] Federally Enforceable Through Title V Permit
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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

Sayed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-497-2 : Nov 14 2012 11:52AM - GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 14.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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
10. The operator shall record, on a daily basis, total gallons of wine contained in the tank. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
11. The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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: N-1665-498-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1411) WITH PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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. 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, 5.2.1] Federally Enforceable Through Title V Permit
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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

Sayed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-498-2 : Nov 14 2012 11:52AM - GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 14.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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
10. The operator shall record, on a daily basis, total gallons of wine contained in the tank. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
11. The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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: N-1665-499-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1412) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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. 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, 5.2.1] Federally Enforceable Through Title V Permit
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-499-2 : Nov 14 2012 11:52AM -- GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 14.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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
10. The operator shall record, on a daily basis, total gallons of wine contained in the tank. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
11. The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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: N-1665-500-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1413) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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. 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, 5.2.1] Federally Enforceable Through Title V Permit
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-500-2 : Nov 14 2012 11:52AM - GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 14.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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
10. The operator shall record, on a daily basis, total gallons of wine contained in the tank. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
11. The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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: N-1665-501-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1414) WITH PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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. 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, 5.2.1] Federally Enforceable Through Title V Permit
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-501-2 : Nov 14 2012 11:52AM - GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 14.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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
10. The operator shall record, on a daily basis, total gallons of wine contained in the tank. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
11. The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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

PERMIT NO: N-1665-502-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1415) WITH PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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. 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, 5.2.1] Federally Enforceable Through Title V Permit
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-502-2 : Nov 14 2012 11:52AM - GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 14.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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
10. The operator shall record, on a daily basis, total gallons of wine contained in the tank. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
11. The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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: N-1665-503-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1416) WITH PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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. 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, 5.2.1] Federally Enforceable Through Title V Permit
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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

Sayed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-503-2 : Nov 14 2012 11:52AM - GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 14.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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
10. The operator shall record, on a daily basis, total gallons of wine contained in the tank. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
11. The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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: N-1665-504-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1417) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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. 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, 5.2.1] Federally Enforceable Through Title V Permit
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-504-2 : Nov 14 2012 11:52AM - GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 14.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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
10. The operator shall record, on a daily basis, total gallons of wine contained in the tank. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
11. The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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

DRAFT
ISSUANCE DATE: DRAFT

PERMIT NO: N-1665-505-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1418) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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. 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, 5.2.1] Federally Enforceable Through Title V Permit
4. The pressure-vacuum relief valve and storage tank shall remain in a gas-tight condition, except when the operating pressure of the tank exceeds the valve set pressure. A gas-tight condition shall be determined by measuring the gas leak in accordance with the procedures in EPA Method 21. [District Rules 2201 and 4694, 5.2.1] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-505-2 : Nov 14 2012 11:52AM - GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
6. The ethanol content of wine stored in this tank shall not exceed 14.0 percent by volume. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The maximum wine storage throughput in this tank shall not exceed 15,000 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The maximum wine storage throughput in this tank, calculated on a twelve month rolling basis, shall not exceed 425,000 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. 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
10. The operator shall record, on a daily basis, total gallons of wine contained in the tank. [District Rules 2201 and 4694] Federally Enforceable Through Title V Permit
11. The operator shall maintain records of the calculated 12 month rolling wine throughput rate (gallons per 12 month rolling period, calculated monthly). [District Rule 2201] Federally Enforceable Through Title V Permit
12. 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: N-1665-506-2

LEGAL OWNER OR OPERATOR: BRONCO WINE COMPANY
MAILING ADDRESS: ATTN: MAINTENANCE MANAGER
P O BOX 789
CERES, CA 95307

LOCATION: 6342 BYSTRUM RD
CERES, CA 95307

EQUIPMENT DESCRIPTION:

MODIFICATION OF 14,218 GALLON INSULATED STAINLESS STEEL WINE STORAGE TANK (TANK 1419) WITH A PRESSURE/VACUUM VALVE: INCREASE WEIGHTED AVERAGE ETHANOL CONTENT FROM 13% TO 14%, INCREASE MAXIMUM DAILY TEMPERATURE FROM 65 DEG F TO 77.3 DEG F AND MAXIMUM ANNUAL TEMPERATURE FROM 50 DEG F TO 61.6 DEG F

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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CONDITIONS CONTINUE ON NEXT PAGE

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Sayed Sadredin, Executive Director, APCO

DAVID WARNER, Director of Permit Services

N-1665-506-2 : Nov 14 2012 11 52AM - GARCIAJ : Joint Inspection NOT Required

5. The temperature of the wine stored in this tank shall be maintained at or below 75 degrees Fahrenheit. The temperature of the stored wine shall be determined and recorded at least once per week. For each batch of wine, the operator shall achieve the storage temperature of 75 degrees Fahrenheit or less within 60 days after completing fermentation, and shall maintain records to show when the required storage temperature of 75 degrees Fahrenheit or less was achieved. [District Rules 2201 and 4694, 5.2.2] Federally Enforceable Through Title V Permit
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12. 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 C

Quarterly Net Emissions Change

The Quarterly Net Emissions Change is used to complete the emission profile screen for the District's PAS database. The QNEC shall be calculated as follows:

QNEC = PE2 - PE1, where:

QNEC = Quarterly Net Emissions Change for each emissions unit, lb/qtr.

PE2 = Post Project Potential to Emit for each emissions unit, lb/qtr.

PE1 = Pre-Project Potential to Emit for each emissions unit, lb/qtr.

Using the values in Sections VII.C.2 and VII.C.6 in the evaluation above, quarterly PE2 and quarterly PE1 can be calculated as follows:

$$\begin{aligned} \text{PE2}_{\text{quarterly}} &= \text{PE2}_{\text{annual}} \div 4 \text{ quarters/year} \\ &= 54 \text{ lb/year} \div 4 \text{ qtr/year} \\ &= 13.5 \text{ lb VOC/qtr} \end{aligned}$$

$$\begin{aligned} \text{PE1}_{\text{quarterly}} &= \text{PE1}_{\text{annual}} \div 4 \text{ quarters/year} \\ &= 35 \text{ lb/year} \div 4 \text{ qtr/year} \\ &= 8.75 \text{ lb VOC/qtr} \end{aligned}$$

Quarterly NEC [QNEC] for ATCs N-1665-497-2 through -506-2			
	PE2 (lb/qtr)	PE1 (lb/qtr)	QNEC (lb/qtr)
NO _x	0	0	0
SO _x	0	0	0
PM ₁₀	0	0	0
CO	0	0	0
VOC	13.5	12.75	0.75