



December 27, 2023

Mr. Phil Klein
California Natural Color
5631 E Olive Ave
Fresno, CA 93727

Re: Notice of Preliminary Decision – Title V Permit Renewal
Facility Number: C-3275
Project Number: C-1223211

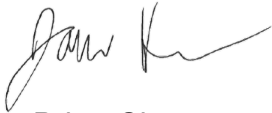
Dear Mr. Klein:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for California Natural Color at 5631 E Olive Ave, Fresno, California.

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

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

Sincerely,



Brian Clements
Director of Permit Services

Enclosures

cc: Courtney Graham, CARB (w/enclosure) via email
cc: Gerardo Rios, EPA (w/enclosure) via EPS

Samir Sheikh
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**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT**

**Proposed Title V Permit Renewal Evaluation
California Natural Color
C-3275**

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TITLE V PERMIT RENEWAL EVALUATION

Natural Food Color Manufacturing Facility

Engineer: Christian Bisher
Date: December 26, 2023

Facility Number: C-3275
Facility Name: California Natural Color
Mailing Address: 5631 E Olive Ave
Fresno, CA 93727

Contact Name: Philip Klein
Phone: (209) 341-1521

Responsible Official: Philip Klein
Title: Vice President and General Manager

Project # : C-1223211
Deemed Complete: August 19, 2022

I. PROPOSAL

California Natural Color was issued a Title V permit on March 13, 2019. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the initial Title V permit.

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

II. FACILITY LOCATION

California Natural Color is located at 5631 E Olive Ave, Fresno, CA 93727.

III. EQUIPMENT LISTING

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

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant is not requesting any model general permit templates. Therefore, all federally enforceable conditions in this current Title V permit will be subject to EPA and public review.

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Updated

- District Rule 2201, New and Modified Stationary Source Review Rule (amended February 18, 2016 ⇒ amended August 15, 2019)
- District Rule 2520, Federally Mandated Operating Permits (amended June 21, 2001 ⇒ amended August 15, 2019)
- District Rule 4306 - Boilers, Steam Generators, and Process Heaters – Phase 3 (amended October 16, 2008 ⇒ amended December 17, 2020)
- District Rule 4320 - Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters Greater than 5.0 MMBtu/hr (adopted October 16, 2008 ⇒ amended December 17, 2020)
- District Rule 4601, Architectural Coatings (amended December 17, 2009 ⇒ amended April 16, 2020 – SIP approved on December 14, 2022)
- 40 CFR Part 60, Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units (amended February 16, 2012 ⇒ amended October 7, 2020)¹
- 40 CFR Part 63, Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process (amended November 20, 2015 ⇒ amended December 5, 2022)

¹ 40 CFR Part 60, Subpart Dc has been amended since the last renewal TV permit was issued. However, the amendments to this subpart do not have any effect on existing permit requirements as addressed by conditions 3 and 29 of permit unit C-447-3 on the draft renewed permit. Therefore, this subpart will not be discussed in further detail.

- 40 CFR Part 63, Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources (amended September 14, 2016 ⇒ amended July 2, 2018)
- 40 CFR Part 64 - Compliance Assurance Monitoring (CAM) (amended October 22, 1997)
- 40 CFR Part 82, Subpart B - Servicing of Motor Vehicle Air Conditioners (amended June 25, 2013 ⇒ amended March 24, 2021)²
- 40 CFR Part 82, Subpart F - Recycling and Emissions Reduction (amended June 25, 2013 ⇒ amended April 10, 2020)³

B. Rules Removed

- Fresno County Rule 110, Equipment Breakdown (SIP approved August 8, 1977 ⇒ District resolution to rescind from SIP February 17, 2022)

C. Rules Added

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

D. Rules Not Updated

- District Rule 1070, Inspections (amended December 17, 1992)
- District Rule 1080, Stack Monitoring (amended December 17, 1992)
- District Rule 1081, Source Sampling (amended December 16, 1993)
- District Rule 1160, Emission Statements (amended November 18, 1992 – SIP approved on February 12, 2019)
- District Rule 2010, Permits Required (amended December 17, 1992)
- District Rule 2020, Exemptions (amended December 18, 2014)
- District Rule 2031, Transfer of Permits (amended December 17, 1992)

² This subpart has been amended since the last renewal TV permit was issued. However, the amendments to this subpart do not have any effect on existing permit requirements as addressed by condition 28 of permit unit C-3275-0-3 on the draft renewed permit. Therefore, this subpart will not be discussed in further detail.

³ This subpart has been amended since the last renewal TV permit was issued. However, the amendments to this subpart do not have any effect on existing permit requirements as addressed by condition 27 of permit unit C-3275-0-3 on the draft renewed permit. Therefore, this subpart will not be discussed in further detail.

- District Rule 2070, Standards for Granting Applications (amended December 17, 1992)
- District Rule 2080, Conditional Approval (amended December 17, 1992)
- District Rule 2410, Prevention of Significant Deterioration (adopted June 16, 2011 and became effective November 26, 2012)
- District Rule 4101, Visible Emissions (amended February 17, 2005)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4301, Fuel Burning Equipment (amended December 17, 1992)
- District Rule 4304, Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters (amended October 19, 1995)
- District Rule 4305, Boilers, Steam Generators, and Process Heaters – Phase 2 (amended August 21, 2003)
- District Rule 4351, Boilers, Steam Generators and Process Heaters – Phase 1 (amended September 21, 2003)
- District Rule 4801, Sulfur Compounds (amended December 17, 1992)
- District Rule 8011, General Requirements (amended August 19, 2004)
- District Rule 8021, Construction, Demolition, Excavation, Extraction and Other Earthmoving Activities (amended August 19, 2004)
- District Rule 8031, Bulk Materials (amended August 19, 2004)
- District Rule 8041, Carryout and Trackout (amended August 19, 2004)
- District Rule 8051, Open Areas (amended August 19, 2004)
- District Rule 8061, Paved and Unpaved Roads (amended August 19, 2004)
- District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas (amended September 16, 2004)
- 40 CFR Part 61, Subpart M - National Emission Standard for Asbestos (amended July 20, 2004)

VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

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

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

A. Rules Added/Updated

No rules were updated or removed since the last Title V permit renewal was issued for this facility.

B. Rules Not Updated

- District Rule 1100, Equipment Breakdown (amended December 17, 1992) (Non SIP replacement for County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings), which the District requested to be rescinded from the SIP on February 17, 2022)

District Rule 1100 defines a breakdown condition and the procedures to follow if one occurs. The corrective action, the issuance of an emergency variance, and the reporting requirements are also specified.

District Rule 1100 was last amended on December 17, 1992 and is not included in the SIP; however, the requirements of District Rule 1100 were previously federally enforceable through County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings). County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings) were incorporated into the SIP on October 24, 1980.

On January 12, 2022, EPA issued an updated SIP call directing state and local agencies to remove rules governing emissions associated with startup, shutdown, and malfunction events from their SIPs. The EPA SIP call included a timeline to address this issue, which was effective February 11, 2022. In accordance with the EPA SIP call, on February 17, 2022, the District approved the submittal of a formal request to EPA and the California Air Resources Board (ARB) to withdraw the following Equipment Breakdown rules from the San Joaquin Valley's SIP: Fresno County Rule 110, Kern County Rule 111, Kings County Rule 111, Madera County Rule 113, Stanislaus County Rule 110, and Tulare County Rule 111.

As a result of the District's formal request to remove County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings) from the SIP, conditions 1 and 2 of the proposed requirements of the facility-wide permit C-3275-0-3, which reference District Rule 1100 and were federally enforceable through County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings), are no longer federally enforceable. In addition, reference to the permit shield for District Rule 1100 was removed from the proposed requirements of the facility-wide permit C-3275-0-3. Condition 11 of the proposed requirements of the facility-wide permit C-3275-0-3, which requires reporting of deviations from permit conditions and references District Rules 1100 and 2520, remains federally enforceable through District Rule 2520.

The following conditions are based solely on this rule and are therefore not federally enforceable through Title V.

Permit Unit #	Permit Description	Condition #s
C-3275-0-3	Facility-Wide Permit	1 & 2

As discussed above, the following condition is based on this rule and a federally enforceable requirement. Therefore, the condition is federally enforceable but is not federally enforceable through this rule:

Permit Unit #	Permit Description	Condition #
C-3275-0-3	Facility-Wide Permit	11

- District Rule 2040, Applications (amended December 17, 1992 ⇒ removed from SIP December 16, 2004, 69 FR 67062)

The purpose of this rule is to explain the procedures for filing, denying, and appealing the denial of applications for a District Authority to Construct (ATC) or Permit to Operate.

The following condition is based solely on this rule and is therefore not federally enforceable through Title V.

Permit Unit #	Permit Description	Condition #
C-3275-0-3	Facility-Wide Permit	7

- District Rule 4102, Nuisance (as amended December 17, 1992)

The purpose of this rule is to protect the health and safety of the public. This rule stipulates that a person shall not discharge from any source whatsoever such quantities of air contaminants or other materials which cause injury,

detriment, nuisance or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health or safety of any such person or the public or which cause or have a natural tendency to cause injury or damage to business or property.

The following condition is based solely on this rule and is therefore not federally enforceable through Title V.

Permit Unit #	Permit Description	Condition #s
C-3275-0-3	Facility-Wide Permit	42

VIII. PERMIT REQUIREMENTS

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

A. Fresno County Rule 110 – Equipment Breakdown

In accordance with EPA's State Implementation Plan (SIP) Call, on February 17, 2022, the District rescinded Fresno County Rule 110 from the San Joaquin Valley SIP.

The following conditions are no longer Federally Enforceable.

Permit Unit #	Permit Description	Condition #s
C-3275-0-3	Facility-Wide Permit	1-2

Additionally all references made to Fresno County Rule 110 have been removed from the following conditions.

Permit Unit #	Permit Description	Condition #s
C-3275-0-2	Facility-Wide Permit	1-2, 39

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

District Rule 2201 has been amended since this facility's initial Title V permit was issued. However, the requirements of this rule are only triggered at the time the source undergoes a modification. All applicable requirements from any NSR permit actions have already been incorporated into the current Title V permit. Therefore, the updated requirements of this rule are not applicable at this time.

C. District Rule 2520 - Federally Mandated Operating Permits

District Rule 2520 has been amended since this facility's last Title V permit renewal. However, the amendments to this rule were administrative, relating only to the notification procedures for Title V permit modifications that are required to go through a public notice. The amendments to this rule did not have any effect on the current permit requirements and will therefore not be addressed further in this evaluation. However, greenhouse gas emissions will be addressed under Rule 2520 during this renewal.

Greenhouse Gas Discussion

There are no federally applicable Greenhouse Gas (GHG) requirements for this source. It should be noted that the Mandatory Greenhouse Gas Reporting rule (40 CFR Part 98) is not included in the definition of an applicable requirement within Title V (per 40 CFR 71.2). Therefore, there will be no further discussion of GHG in this evaluation.

D. District Rule 4306 - Boilers, Steam Generators, and Process Heaters – Phase 3

The purpose of this rule is to limit emissions of oxides of nitrogen (NO_x) and carbon monoxide (CO) from boilers, steam generators, and process heaters. This rule applies to any gaseous fuel or liquid fuel fired boiler, steam generator, or process heater with a total rated heat input greater than 5 million Btu per hour.

The October 16, 2008 version of District Rule 4306 was approved into the SIP on January 13, 2010. The rule was amended on December 17, 2020 and the California Air Resources Board sent the amendments to EPA for inclusion in the SIP on March 12, 2021. The December 17, 2020 amendments to District Rule 4306 added definitions to improve clarity and to reflect the changes in requirements, removed the definition of a load following unit and the specific emission limits for load following units and required these units to comply with the same emission limits as other units of the same size, added additional categories of units and required lower Tier 2 NO_x emission limits for various categories, and established dates for the submission of emission control plans and ATC applications and compliance with the lower Tier 2 emission limits.

California Natural Color has one 33.66 MMBtu/hr natural gas-fired boiler at the facility operating under unit C-3275-3 that is subject to the requirements of District Rule 4306. The only potential effect of the December 17, 2020 amendments to District Rule 4306 is to lower the required NO_x emission limit or reduce the maximum annual fuel input allowed for this unit. The current applicable Tier 1 emission limits that were required prior to the December 17,

2020 amendments and the applicable Tier 2 emission limits that were added through the amendments are summarized below.

Section 5.0 - Requirements

All ppmv emission limits specified in Section 5.0 are referenced at dry stack gas conditions and 3.00 percent by volume stack gas oxygen (O₂). Emission concentrations shall be corrected to 3.00 percent oxygen in accordance with Section 8.1.

Section 5.1 - NO_x and CO Emissions Limits

Section 5.1.1 requires that, except for units subject to Section 5.2, on and after the compliance deadline specified in Section 7 units subject to Section 5.0 shall not be operated in a manner which exceeds the applicable NO_x and carbon monoxide (CO) emissions limit specified in Table 1 - Tier 1 NO_x and CO Limits (until December 31, 2023) and Table 2 - Tier 2 NO_x and CO Limits (on and after December 31, 2023).

Rule 4306, Table 1: Tier 1 NO _x and CO Limits					
Category	Operated on Gaseous Fuel			Operated on Liquid Fuel	
	NO _x Limit		CO Limit (ppmv)	NO _x Limit	CO Limit (ppmv)
	Standard Option	Enhanced Option			
B. Units with a rated heat input greater than 20.0 MMBtu/hour, except for Categories C, D, E, F, G, H, and I units	9 ppmv or 0.011 lb/MMBtu	6 ppmv or 0.007 lb/MMBtu	400	40 ppmv or 0.052 lb/MMBtu	400

Rule 4306, Table 2: Tier 2 NO _x and CO Limits				
Category	Operated on Gaseous Fuel		Operated on Liquid Fuel	
	NO _x Limit	CO Limit (ppmv)	NO _x Limit	CO Limit (ppmv)
C. Units with a total rated heat input > 20.0 MMBtu/hr, except for Categories C through G units				
2. All other units with a total rated heat input > 20.0 MMBtu/hour and ≤ 75 MMBtu/hour	7 ppmv or 0.0085 lb/MMBtu	400	40 ppmv or 0.052 lb/MMBtu	400

- a. C-3275-3: 33.66 MMBTU/HR CLEAVER-BROOKS MODEL NBI-800-250-LN-SKID NATURAL GAS-FIRED BOILER EQUIPPED WITH A CLEAVER-BROOKS MODEL CBI.700.800.250 LOW-NOX BURNER, FLUE GAS RECIRCULATION SYSTEM, AND O₂ CONTROLLER SERVED BY A NATIONWIDE MODEL CATASTAK SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

The current permit requirements for this unit limit NO_x emissions from the unit to no more than 5 ppmv @ 3% O₂ and the unit complies with all current applicable requirements of District Rule 4306. The information previously provided by the applicant and included in District files indicates that this unit falls into Category C.2 of Rule 4306, Table 2. The facility has already submitted an emission control plan as of February 14, 2022 to comply with the applicable requirements of District Rule 4306 by the deadlines specified in the rule.

Pursuant to Section 7.0 – Compliance Schedule, an ATC application and Emission Control Plan must be submitted for this unit to comply with the applicable Tier 2 NO_x and CO limits by May 1, 2028 and the unit must comply with the applicable Tier 2 NO_x and CO limits by December 31, 2029. Compliance with the applicable Tier 2 NO_x and CO limits has already been addressed through the submittal of the February 14, 2022 emission control plan.

The following conditions will ensure continued compliance:

Permit Unit #	Permit Description	Condition #s
C-3275-3-5	33.66 MMBtu/hr Natural Gas-Fired Boiler	5-11, 13-19, 21-24, 26-27, 44

E. District Rule 4320 - Advanced Emission Reduction Options for Boilers, Steam Generators and Process Heaters Greater Than 5.0 MMBtu/hr

The purpose of this rule is to limit emissions of oxides of nitrogen (NO_x), carbon monoxide (CO), oxides of sulfur (SO₂), and particulate matter 10 microns or less (PM₁₀) from boilers, steam generators, and process heaters. This rule applies to any gaseous fuel or liquid fuel fired boiler, steam generator, or process heater with a total rated heat input greater than 5 million Btu per hour.

The October 16, 2008 version of District Rule 4320 was approved into the SIP on March 25, 2011. The rule was amended on December 17, 2020 and ARB sent the amendments to EPA for inclusion in the SIP on March 12, 2021. The December 17, 2020 amendments to District Rule 4320 added definitions to improve clarity and to reflect the changes in requirements, added additional categories of units and required lower Tier 2 NO_x emission limits for various categories, and established dates for the submission of emission control plans and ATC applications and compliance with the lower Tier 2 emission limits.

California Natural Color has one 33.66 MMBtu/hr natural gas-fired boiler at the facility operating under unit C-3275-3 that is subject to the requirements of District Rule 4320. The only potential effect of the December 17, 2020 amendments to District Rule 4320 is to lower the required NO_x emission limit

or reduce the maximum annual fuel input allowed for this unit. The current applicable Tier 1 emission limits that were required prior to the December 17, 2020 amendments and the applicable Tier 2 emission limits that were added through the amendments are summarized below.

Section 5.0 - Requirements

Section 5.1 requires that units that are subject to District Rule 4320 must:

- 1) Operate the unit to comply with the emission limits specified in Sections 5.2 and 5.4;
- 2) Pay an annual emissions fee to the District as specified in Section 5.3 and comply with the control requirements specified in Section 5.4; or
- 3) Comply with the applicable Low-use Unit requirements of Section 5.5

Section 5.2 - NO_x and CO Emissions Limits

Section 5.2 requires that units subject to this section shall not be operated in a manner which exceeds the applicable NO_x emissions limit specified in Table 1 - Tier 1 NO_x Emissions Limits (until December 31, 2023) and Table 2 - Tier 2 NO_x Emissions Limits (on and after December 31, 2023). Section 5.2 also requires that units subject to this section shall not be operated in a manner to which exceeds a carbon monoxide (CO) emissions limit of 400 ppmv. All ppmv emission limits specified in Section 5.2 are referenced at dry stack gas conditions and 3.00 percent by volume stack gas oxygen (O₂). Emission concentrations shall be corrected to 3.00 percent oxygen in accordance with Section 8.1.

Rule 4320, Table 1: Tier 1 NO _x Emission Limits			
Category	NO _x Limit	Authority to Construct	Compliance Deadline
B. Units with a total rated heat input > 20.0 MMBtu/hr, except for Categories C through G units	a) Standard Schedule 7 ppmv or 0.008 lb/MMBtu; or	July 1, 2009	July 1, 2010
	b) Enhanced Schedule 5 ppmv or 0.0062 lb/MMBtu	January 1, 2013	January 1, 2014

Rule 4320, Table 2: Tier 2 NO _x Emission Limits				
Category	NO _x Limit	Emission Control Plan	Authority to Construct	Compliance Deadline
B. Units with a total rated heat input > 20.0 MMBtu/hr, except for Categories C through E units				

Rule 4320, Table 2: Tier 2 NO _x Emission Limits				
Category	NO _x Limit	Emission Control Plan	Authority to Construct	Compliance Deadline
2. All other units with a total rated heat input > 20.0 MMBtu/hour and ≤ 75 MMBtu/hour	2.5 ppmv or 0.003 lb/MMBtu	May 1, 2022	May 1, 2022	December 31, 2023

Section 5.4 - Particulate Matter Control Requirements

Section 5.4.1 of this rule requires the operator of a unit to comply with one of the following requirements for control of particulate matter (PM):

- 1) Operators shall fire units exclusively on PUC-quality natural gas, commercial propane, butane, or liquefied petroleum gas, or a combination of such gases;
- 2) Operators shall limit fuel sulfur content to no more than five (5) grains of total sulfur per one hundred (100) standard cubic feet; or
- 3) operators shall install and properly operate an emission control system that reduces SO₂ emissions by at least 95% by weight; or limit exhaust SO₂ to less than or equal to 9 ppmv corrected to 3.0% O₂
- a. C-3275-3: 33.66 MMBTU/HR CLEAVER-BROOKS MODEL NBI-800-250-LN-SKID NATURAL GAS-FIRED BOILER EQUIPPED WITH A CLEAVER-BROOKS MODEL CBI.700.800.250 LOW-NOX BURNER, FLUE GAS RECIRCULATION SYSTEM, AND O₂ CONTROLLER SERVED BY A NATIONWIDE MODEL CATASTAK SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

The current permit requirements for this unit limit NO_x emissions from the unit to no more than 5 ppmv @ 3% O₂ and the unit complies with all current applicable requirements of District Rule 4320. The information previously provided by the applicant and included in District files indicates that this unit falls into Category B.2 of Rule 4320, Table 2. The facility has already submitted an emission control plan as of February 14, 2022 to comply with the applicable requirements of District Rule 4320 by the deadlines specified in the rule.

Pursuant to Section 5.2, Table 2- Tier 2 NO_x Emission Limits and Section 7.0 – Compliance Schedule, an ATC application and Emission Control Plan must be submitted for this unit to comply with the applicable Tier 2 NO_x limits by May 1, 2022 and the unit must comply with the applicable Tier 2 NO_x limits by December 31, 2023. The facility has elected to pay the annual emission fees, as the unit does not comply with the emission limits in Section 5.2 of Rule 4320.

The following conditions will ensure continued compliance:

Permit Unit #	Permit Description	Condition #s
C-3275-3-5	33.66 MMBtu/hr Natural Gas-Fired Boiler	4-11, 13-19, 21-24, 26-28, 44-45

F. District Rule 4601 – Architectural Coatings

District Rule 4601 was last amended on April 16, 2020. EPA approved District Rule 4601 as amended on April 16, 2020 for inclusion in the SIP on December 14, 2022.

The purpose of this rule is to limit VOC emissions from architectural coatings. This rule specifies architectural coatings storage, cleanup, and labeling requirements. This rule is applicable to any person who supplies, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures, blends or repackages any architectural coating. This rule is applicable to any person who supplies, markets, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures, blends or repackages any architectural coating for use within the San Joaquin Valley Air Pollution Control District.

As required by a September 2016 decision by the U.S. Court of Appeals for the Ninth Circuit in *Bahr v. U.S. Environmental Protection Agency*,⁴ the April 16, 2020 amendments to District Rule 4601 added a contingency measure for the District's 2016 Ozone Plan that would remove the exemption for specific categories of coatings sold in small containers with a volume of one liter or less if EPA issues a finding that the San Joaquin Valley Air Basin has failed to attain, or to make reasonable further progress towards attainment of, the 2008 National Ambient Air Quality Standard (NAAQS) for ozone. The April 16, 2020 amendments to District Rule 4601 implemented provisions of the 2019 California Air Resources Board (ARB) Suggested Control Measure for Architectural Coatings,⁵ including lowering VOC limits for several categories of architectural coatings, setting VOC limits for three new categories of architectural coatings, and adding new requirements for colorants.

The primary effect of the April 16, 2020 amendments to District Rule 4601 was reducing VOC content limits required for specific categories of coatings and adding VOC content limits for specific categories of colorants. The previous VOC content limits of District Rule 4601 and the VOC content limits of coatings

⁴ United States Court of Appeals for the Ninth Circuit (September 12, 2016) *Bahr v. U.S. Environmental Protection Agency*. <https://cdn.ca9.uscourts.gov/datastore/opinions/2016/09/12/14-72327.pdf>

⁵ California Air Resources Board (May 2019) California Air Resources Board (CARB) Suggested Control Measure for Architectural Coatings. https://ww2.arb.ca.gov/sites/default/files/2020-05/10602_scm_final.pdf

and colorants that became effective on and after January 1, 2022 are summarized below.

Section 5.1 - VOC Content Limits:

Except as provided in Sections 5.2 and 5.3, no person shall: manufacture, blend, or repackage for use within the District; or supply, sell, market or offer for sale within the District; or solicit for application or apply within the District any architectural coating or colorant with a VOC content in excess of the corresponding limit specified in Table 1 or Table 2, after the specified effective date in Table 1 or Table 2. Limits are expressed as VOC Regulatory, thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.

Rule 4601, Table 1 - VOC Content Limits for Coatings¹		
COATING CATEGORY	Previous VOC Limit (g/l)	VOC Limit (g/l) Effective on and after 1/1/2022
Flat Coatings	50	50
Nonflat Coatings	100	50
Specialty Coatings	-	-
Aluminum Roof Coatings	400	100
Basement Specialty Coatings	400	400
Bituminous Roof Coatings	50	50
Bituminous Roof Primers	350	350
Bond Breakers	350	350
Building Envelope Coatings	-	50
Concrete Curing Compounds	350	350
Concrete/Masonry Sealers	100	100
Driveway Sealers	50	50
Dry Fog Coatings	150	50
Faux Finishing Coatings	350	350
Fire Resistive Coatings	350	150
Floor Coatings	100	50
Form-Release Compounds	250	100
Graphic Arts Coatings (Sign Paints)	500	500
High Temperature Coatings	420	420
Industrial Maintenance Coatings	250	250
Low Solids Coatings ²	120	120
Magnesite Cement Coatings	450	450
Mastic Texture Coatings	100	100
Metallic Pigmented Coatings	500	500
Multi-Color Coatings	250	250
Pre-Treatment Wash Primers	420	420
Primers, Sealers, and Undercoaters	100	100
Reactive Penetrating Sealers	350	350

Rule 4601, Table 1 - VOC Content Limits for Coatings¹		
COATING CATEGORY	Previous VOC Limit (g/l)	VOC Limit (g/l) Effective on and after 1/1/2022
Recycled Coatings	250	250
Roof Coatings	50	50
Rust Preventative Coatings	250	250
Shellacs:		
Clear	730	730
Opaque	550	550
Specialty Primers, Sealers, and Undercoaters	100	100
Stains	250	100
Interior Stains		250
Stone Consolidants	450	450
Swimming Pool Coatings	340	340
Tile and Stone Sealers		100
Traffic Marking Coatings	100	100
Tub and Tile Refinish Coatings	420	420
Waterproofing Membranes	250	100
Wood Coatings	275	275
Wood Preservatives	350	350
Zinc-Rich Primers	340	340

¹ Limits are expressed as VOC Regulatory (except where noted otherwise), thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.

² Units are grams of VOC per liter of coating, including water and exempt compounds, in accordance with Section 3.72.

Rule 4601, Table 2 VOC Content Limits for Colorants¹	
Colorants Added To	VOC Limit (g/l) Effective on and after 1/1/2022
Architectural Coatings, excluding Industrial Maintenance Coatings	50
Solvent Based Industrial Maintenance Coatings	600
Waterborne Industrial Maintenance Coatings	50
Wood Coatings	600

¹ Limits are expressed as VOC Regulatory.

The following conditions of the facility-wide permit (C-3275-0-3) were updated to remain consistent with the current rule and to ensure continued compliance:

23. *No person shall: manufacture, blend, or repackage for use within the District; or supply, sell, market or offer for sale within the District; or solicit for application or apply within the District any architectural coating or colorant with a VOC content in excess of the corresponding limit specified*

in Table 1 or Table 2 of District Rule 4601 (4/16/20), after the specified effective dates in Table 1 or Table 2 of District Rule 4601. [District Rule 4601, 5.1]

24. *All architectural coating containers and containers of any VOC-containing materials subject to District Rule 4601 (4/16/20) shall be closed when not in use. [District Rule 4601, 5.4]*
25. *The permittee shall comply with all the Labeling and Test Methods requirements outlined in District Rule 4601, sections 6.1 and 6.3 (4/16/20). [District Rule 4601, 6.1 and 6.3]*

G. 40 CFR Part 63, Subpart DDDDD – National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process

40 CFR 63 Subpart DDDDD establishes national emission limitations and work practice standards for hazardous air pollutants (HAP) emitted from industrial, commercial, and institutional boilers and process heaters located at major sources of HAP. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and work practice standards.

Pursuant to 40 CFR Section 63.2, a major source is any stationary source or group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit considering controls, in the aggregate, 10 tons per year or more of any HAP or 25 tons per year or more of any combination of HAPs, unless the Administrator establishes a lesser quantity, or in the case of radionuclides, different criteria from those specified in this sentence.

Facilities C-3275 and C-447 are part of the same stationary source. Facility C-447 does not have HAP emissions that total above the major source threshold (see Appendix D) and the combined emissions from the two facilities are below the major HAP threshold. Therefore, facility C-3275 is not a major source of HAPs, and Subpart DDDDD does not apply to the boiler currently permitted at this facility.

H. 40 CFR Part 63, Subpart JJJJJ – National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Area Sources

40 CFR 63 Subpart JJJJJ establishes national emission limitations and operating limitations that apply to owners and operators of industrial, commercial, or institutional boilers that are located at, or are part of, an area

source of hazardous air pollutant (HAP) emissions, as defined in Section 63.2, except as specified in the regulation.

Section 63.11195(e) states that gas-fired boilers are not subject to the requirements of this subpart. The boiler at this facility under permit unit C-3275-3 is fired only on PUC-quality natural gas; therefore, it is not subject to the requirement of this subpart, and no further discussion is required.

I. 40 CFR Part 64 – Compliance Assurance Monitoring (CAM)

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

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

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

a. C-3275-3 – 33.66 MMBtu/hr Natural Gas-Fired Boiler with Low NO_x Burner, FGR System, and O₂ Controller Served by a SCR System

The permit for this boiler contains emission limits for NO_x, CO, VOC, PM₁₀, and SO_x emissions. However, this boiler is not equipped with any add on control devices for CO, VOC, PM₁₀, or SO_x emissions. Therefore, the CAM requirements of 40 CFR 64 are not applicable for these pollutants, and no further discussion is required.

This boiler is equipped with a flue gas recirculation system (FGR) and a selective catalytic reduction system for NO_x emission control. Typically the District assumes that an FGR system in combination with an SCR system will achieve 90% control for the NO_x emissions generated in a natural gas fired boiler. Therefore, the uncontrolled NO_x emission rate from this boiler can be determined using the boiler heat input rate, the controlled NO_x emission factor, the control efficiency of the SCR/FGR system, and a worst case operating scenario of 1,460 hours/year for startup/shutdown and 7,300 hours/year for controlled operation. The startup and shutdown emissions are treated as uncontrolled emissions.

Uncontrolled NO_x emissions:

Startup/Shutdown Emission Factor = 0.1 lb/MMBtu (current PTO)
Controlled Emission Factor = 0.006 lb/MMBtu (current PTO)
FGR+SCR Control Efficiency = 90% (District practice)
Annual Uncontrolled PE = $[0.1 \text{ lb/MMBtu} \times 33.66 \text{ MMBtu/hour} \times 1,460 \text{ hours/year}] + ([0.006 \text{ lb/MMBtu} \times 33.66 \text{ MMBtu/hour} \times 7,300 \text{ hours/year}] / (1 - 0.90)) = 19,657 \text{ lb-NO}_x/\text{year}$

As shown above, the uncontrolled PE for NO_x emissions is less than the major source threshold. Therefore, this boiler not is subject to the requirements of 40 CFR 64 for this pollutant, and no further discussion is required.

b. C-3275-5 – Grape Seed Drying Operation with Natural Gas-Fired Tower Dryer with 7.3 MMBtu/hr Burner System

The permit for this drying operation contains emission limits for NO_x, CO, VOC, PM₁₀, and SO_x emissions. However, this unit is not equipped with any add on control devices. Therefore, the CAM requirements of 40 CFR 64 are not applicable to this unit, and no further discussion is required.

IX. PERMIT SHIELD

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

A. Requirements Addressed by Model General Permit Templates

The applicant does not propose to use any model general permit templates.

B. Requirements not Addressed by Model General Permit Templates

The applicant has not proposed any new permit shields, and no permit shields exist to be carried over onto the renewed Title V permits for non-model template requirements.

C. Obsolete Permit Shields From Existing Permit Requirements

There were no obsolete permit shields listed in the existing permit requirements.

X. CALIFORNIA ENVIRONMENTAL QUALITY ACT

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

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

XI. PERMIT CONDITIONS

See Attachment A - Draft Renewed Title V Operating Permit.

ATTACHMENTS

- A. Draft Renewed Title V Operating Permits
- B. Previous Title V Operating Permits
- C. Detailed Summary List of Facility Permits
- D. HAP Calculations for Stationary Source

ATTACHMENT A

Draft Renewed Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: C-3275-0-3

EXPIRATION DATE: 02/28/2023

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0]
3. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. {4370} The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: CALIFORNIA NATURAL COLOR
Location: 5631 E OLIVE AVE, FRESNO, CA 93727
C-3275-0-3 : Dec 27 2023 10:48AM -- BISHERC

10. {4371} The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
11. {4372} Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
12. {4373} If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. {4374} It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. {4375} The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. {4376} The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. {4377} The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. {4378} The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. {4379} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. {4380} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. {4381} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. {4382} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

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

22. {4383} No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
23. No person shall: manufacture, blend, or repackage for use within the District; or supply, sell, market or offer for sale within the District; or solicit for application or apply within the District any architectural coating or colorant with a VOC content in excess of the corresponding limit specified in Table 1 or Table 2 of District Rule 4601 (4/16/20), after the specified effective dates in Table 1 or Table 2 of District Rule 4601. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. All architectural coating containers and containers of any VOC-containing materials subject to District Rule 4601 (4/16/20) shall be closed when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in District Rule 4601, sections 6.1 and 6.3 (4/16/20). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. {4387} With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. {4388} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. {4389} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. {4390} Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8021] Federally Enforceable Through Title V Permit
30. {4391} Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
31. {4392} An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8041] Federally Enforceable Through Title V Permit
32. {4393} Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8051] Federally Enforceable Through Title V Permit
33. {4394} Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8061] Federally Enforceable Through Title V Permit

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

34. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
35. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
36. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Fresno County Rules 401 and 202. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (4/16/20); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
42. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
43. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
44. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
45. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
46. Facilities C-447 and C-3275 are part of the same stationary source for Rule 2201 purposes. [District Rule 2201] Federally Enforceable Through Title V Permit

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

47. On June 30, 2013, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin every July 1, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] 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: C-3275-3-5

EXPIRATION DATE: 02/28/2023

EQUIPMENT DESCRIPTION:

33.66 MMBTU/HR CLEAVER-BROOKS MODEL NBI-800-250-LN-SKID NATURAL GAS-FIRED BOILER EQUIPPED WITH A CLEAVER-BROOKS MODEL CBI.700.800.250 LOW-NOX BURNER, FLUE GAS RECIRCULATION SYSTEM, AND O2 CONTROLLER SERVED BY A NATIONWIDE MODEL CATASTAK SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted in the unit shall be installed, utilized and maintained. [District Rule 2201 and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
4. The unit shall only be fired on PUC-quality natural gas. [District Rules 2201 and 4320; and 40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
5. Except during start-up and shutdown, emissions from this unit shall not exceed any of the following limits: 5 ppmvd NOx @ 3% O2 or 0.006 lb-NOx/MMBtu; 0.00285 lb-SOx/MMBtu; 0.0076 lb-PM10/MMBtu; 200 ppmvd CO @ 3% O2 (equivalent to 0.147 lb-CO/MMBtu); or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
6. During start-up and shutdown, emissions from this unit shall not exceed any of the following limits: 0.1 lb-NOx/MMBtu; 0.00285 lb-SOx/MMBtu; 0.0076 lb-PM10/MMBtu; 200 ppmvd CO @ 3% O2 (equivalent to 0.147 lb-CO/MMBtu); or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
7. The total duration of start-up time shall not exceed 2.0 hours per day. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
8. The total duration of startup time shall not exceed 2.0 hours per occurrence. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
9. The total duration of shutdown time shall not exceed 2.0 hours per day. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
10. The total duration of shutdown time shall not exceed 2.0 hours per occurrence. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
11. The permittee shall maintain daily records of start-up and shutdown durations and number of occurrences of each. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
12. The ammonia (NH3) emissions shall not exceed 10 ppmvd @ 3% O2 over a 15 minute averaging period. [District Rule 4102]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests when unit is fired on natural gas, the unit shall be tested not less than once every 36 months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve months. [District Rules 2201, 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
14. Nitrogen oxide (NO_x) emission concentrations in ppmv referenced at dry stack emissions shall be corrected to 3% O₂ and lb/MMBtu rates shall be calculated as lb NO₂/MMBtu of heat input (hhv). [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
15. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
16. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
17. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
18. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
19. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
20. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 4102]
21. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
22. The permittee shall monitor and record the stack concentration of NO_x, CO, NH₃, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. NH₃ monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within five days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
23. If the NO_x, CO, or NH₃ concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than one hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after one hour of operation following detection, the permittee shall notify the District within the following one hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 4306, and 4320] 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.

24. All NO_x, CO, NH₃, and O₂ emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The NO_x, CO and O₂ analyzer as well as the NH₃ emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
25. NH₃ emission readings shall be conducted at the time the NO_x, CO, and O₂ readings are taken. The readings shall be converted to ppmvd @ 3% O₂. [District Rule 4102]
26. The permittee shall maintain records of: (1) the date and time of NO_x, CO, NH₃, and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x, CO, and NH₃ concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
27. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826 or D 1945 in conjunction with ASTM D 3588. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
28. Permittee shall determine sulfur content of combusted natural gas annually or shall demonstrate that the combusted natural gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320] Federally Enforceable Through Title V Permit
29. Permittee shall maintain daily records of the type and quantity of fuel combusted by the boiler. [District Rule 2201 and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
30. Permittee shall perform an annual tune-up of the boiler to demonstrate continuous compliance. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
31. On annual basis, permittee shall inspect the burner, and clean or replace any components of the burner as necessary (may perform the burner inspection any time prior to the tune-up or delay the burner inspection until the next scheduled unit shutdown). For units where entry into a piece of process equipment is required to complete the tune-up inspections, inspections are required only during planned entries into the process equipment. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
32. On annual basis, permittee shall inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
33. On annual basis, permittee shall inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (may delay the inspection until the next scheduled unit shutdown). [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
34. On annual basis, permittee shall optimize total emissions of CO. The optimization should be consistent with the manufacturer's specifications, if available, and with any NO_x requirement to which the boiler is subject. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
35. On annual basis, permittee shall measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
36. Permittee shall maintain on-site and submit, if requested by the administrator, a report containing the concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler; and a description of any corrective actions taken as a part of the tune-up. [40 CFR 63 Subpart DDDDD] 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.

37. Permittee shall conduct a tune-up within 30 calendar days of startup if the unit is not operating on the required date for tune-up. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
38. Permittee shall submit a Notification of Compliance Status report that includes the information required in §63.9(h)(2), and certification of compliance for the completion of initial tune-up of boiler signed by a responsible official. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
39. Permittee shall submit annual compliance report with the following: company and facility name and address; process unit information and operating parameter limitations; date of report and beginning and ending dates of the reporting period; include the date of the most recent tune-up and the date of the most recent burner inspection if it was not done annually and was delayed until the next scheduled or unscheduled unit shutdown; and statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
40. The Notification of Compliance Status report shall include any deviation from work practice standard, the duration of the deviation, and the corrective action taken. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
41. Permittee shall submit annual compliance report to cover the periods from January 1 to December 31, and must be postmarked or submitted no later than January 31. [40 CFR Part 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
42. Permittee shall submit all compliance reports electronically to the EPA via the CEDRI, and must use the appropriate electronic report in CEDRI for this subpart. Instead of using the electronic report in CEDRI for this subpart, permittee may submit an alternate electronic file consistent with the XML schema listed on the CEDRI Web site, once the XML schema is available. If the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, permittee must submit the report to the Administrator at the appropriate address listed in §63.13. Permittee must begin submitting reports via CEDRI no later than 90 days after the form becomes available in CEDRI. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
43. Permittee shall maintain a copy of each notification and report submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status report submitted; and records of any other compliance demonstrations. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
44. All records shall be maintained and retained on-site for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306, and 4320; and 40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
45. {5026} Pursuant to Rule 4320, beginning January 1, 2025 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in the December 17, 2020 version of Rule 4320. [District Rule 4320]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-3275-5-2

EXPIRATION DATE: 02/28/2023

EQUIPMENT DESCRIPTION:

GRAPE SEED DRYING OPERATION CONSISTING OF DELUX MFG CO NATURAL GAS-FIRED TOWER GRAIN DRYER WITH A 7.3 MMBTU/HR DELUX MFG CO MODEL 24 1/2" NOVA BURNER SYSTEM

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
4. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4801] Federally Enforceable Through Title V Permit
5. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the dryer burner(s) shall be installed, utilized and maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 0.05 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 0.084 lb-CO/MMBtu, or 0.0141 lb-VOC/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The total heat input shall not exceed 3,660 MMBtu/year during any rolling 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Permittee shall keep a record of the rolling 12-month heat input of the unit. This record shall be updated on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The permittee shall maintain records which demonstrate the unit is fired exclusively on PUC-regulated natural gas. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement. [District Rule 2201] Federally Enforceable Through Title V Permit
10. All records shall be maintained for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

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

ATTACHMENT B

Previous Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: C-3275-0-2

EXPIRATION DATE: 02/28/2023

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate. Any amendments to these Facility-wide Requirements that affect specific Permit Units may constitute modification of those Permit Units.

Facility Name: CALIFORNIA NATURAL COLOR
Location: 5631 E OLIVE AVE, FRESNO, CA 93727
C-3275-0-2 : Apr 28 2023 10:28AM -- MURPHYA

10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

23. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8021] Federally Enforceable Through Title V Permit
30. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8031] Federally Enforceable Through Title V Permit
31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8041] Federally Enforceable Through Title V Permit
32. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8051] Federally Enforceable Through Title V Permit
33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8061] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
35. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

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

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
42. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
43. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
44. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
45. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
46. Facilities C-447 and C-3275 are part of the same stationary source for Rule 2201 purposes. [District Rule 2201] Federally Enforceable Through Title V Permit
47. On June 30, 2013, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin every July 1, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] 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: C-3275-3-4

EXPIRATION DATE: 02/28/2023

EQUIPMENT DESCRIPTION:

33.66 MMBTU/HR CLEAVER-BROOKS MODEL NBI-800-250-LN-SKID NATURAL GAS-FIRED BOILER EQUIPPED WITH A CLEAVER-BROOKS MODEL CBI.700.800.250 LOW-NOX BURNER, FLUE GAS RECIRCULATION SYSTEM, AND O2 CONTROLLER SERVED BY A NATIONWIDE MODEL CATASTAK SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted in the unit shall be installed, utilized and maintained. [District Rule 2201 and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
4. The unit shall only be fired on PUC-quality natural gas. [District Rules 2201 and 4320; and 40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
5. Except during start-up and shutdown, emissions from this unit shall not exceed any of the following limits: 5 ppmvd NOx @ 3% O2 or 0.006 lb-NOx/MMBtu; 0.00285 lb-SOx/MMBtu; 0.0076 lb-PM10/MMBtu; 200 ppmvd CO @ 3% O2 (equivalent to 0.147 lb-CO/MMBtu); or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
6. During start-up and shutdown, emissions from this unit shall not exceed any of the following limits: 0.1 lb-NOx/MMBtu; 0.00285 lb-SOx/MMBtu; 0.0076 lb-PM10/MMBtu; 200 ppmvd CO @ 3% O2 (equivalent to 0.147 lb-CO/MMBtu); or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
7. The total duration of start-up time shall not exceed 2.0 hours per day. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
8. The total duration of startup time shall not exceed 2.0 hours per occurrence. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
9. The total duration of shutdown time shall not exceed 2.0 hours per day. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
10. The total duration of shutdown time shall not exceed 2.0 hours per occurrence. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
11. The permittee shall maintain daily records of start-up and shutdown durations and number of occurrences of each. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
12. The ammonia (NH3) emissions shall not exceed 10 ppmvd @ 3% O2 over a 15 minute averaging period. [District Rule 4102]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve months. After demonstrating compliance on two consecutive annual source tests when unit is fired on natural gas, the unit shall be tested not less than once every 36 months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve months. [District Rules 2201, 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
14. Nitrogen oxide (NO_x) emission concentrations in ppmv referenced at dry stack emissions shall be corrected to 3% O₂ and lb/MMBtu rates shall be calculated as lb NO₂/MMBtu of heat input (hhv). [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
15. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
16. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
17. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
18. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
19. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
20. Source testing for ammonia slip shall be conducted utilizing BAAQMD Method ST-1B. [District Rule 4102]
21. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
22. The permittee shall monitor and record the stack concentration of NO_x, CO, NH₃, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. NH₃ monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within five days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
23. If the NO_x, CO, or NH₃ concentrations, as measured by the portable analyzer or the District approved ammonia monitoring equipment, exceed the permitted levels, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than one hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after one hour of operation following detection, the permittee shall notify the District within the following one hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 4306, and 4320] 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.

24. All NO_x, CO, NH₃, and O₂ emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The NO_x, CO and O₂ analyzer as well as the NH₃ emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
25. NH₃ emission readings shall be conducted at the time the NO_x, CO, and O₂ readings are taken. The readings shall be converted to ppmvd @ 3% O₂. [District Rule 4102]
26. The permittee shall maintain records of: (1) the date and time of NO_x, CO, NH₃, and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x, CO, and NH₃ concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
27. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826 or D 1945 in conjunction with ASTM D 3588. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
28. Permittee shall determine sulfur content of combusted natural gas annually or shall demonstrate that the combusted natural gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320] Federally Enforceable Through Title V Permit
29. Permittee shall maintain daily records of the type and quantity of fuel combusted by the boiler. [District Rule 2201 and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
30. Permittee shall perform an annual tune-up of the boiler to demonstrate continuous compliance. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
31. On annual basis, permittee shall inspect the burner, and clean or replace any components of the burner as necessary (may perform the burner inspection any time prior to the tune-up or delay the burner inspection until the next scheduled unit shutdown). For units where entry into a piece of process equipment is required to complete the tune-up inspections, inspections are required only during planned entries into the process equipment. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
32. On annual basis, permittee shall inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
33. On annual basis, permittee shall inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (may delay the inspection until the next scheduled unit shutdown). [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
34. On annual basis, permittee shall optimize total emissions of CO. The optimization should be consistent with the manufacturer's specifications, if available, and with any NO_x requirement to which the boiler is subject. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
35. On annual basis, permittee shall measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
36. Permittee shall maintain on-site and submit, if requested by the administrator, a report containing the concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler; and a description of any corrective actions taken as a part of the tune-up. [40 CFR 63 Subpart DDDDD] 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.

37. Permittee shall conduct a tune-up within 30 calendar days of startup if the unit is not operating on the required date for tune-up. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
38. Permittee shall submit a Notification of Compliance Status report that includes the information required in §63.9(h)(2), and certification of compliance for the completion of initial tune-up of boiler signed by a responsible official. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
39. Permittee shall submit annual compliance report with the following: company and facility name and address; process unit information and operating parameter limitations; date of report and beginning and ending dates of the reporting period; include the date of the most recent tune-up and the date of the most recent burner inspection if it was not done annually and was delayed until the next scheduled or unscheduled unit shutdown; and statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
40. The Notification of Compliance Status report shall include any deviation from work practice standard, the duration of the deviation, and the corrective action taken. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
41. Permittee shall submit annual compliance report to cover the periods from January 1 to December 31, and must be postmarked or submitted no later than January 31. [40 CFR Part 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
42. Permittee shall submit all compliance reports electronically to the EPA via the CEDRI, and must use the appropriate electronic report in CEDRI for this subpart. Instead of using the electronic report in CEDRI for this subpart, permittee may submit an alternate electronic file consistent with the XML schema listed on the CEDRI Web site, once the XML schema is available. If the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, permittee must submit the report to the Administrator at the appropriate address listed in §63.13. Permittee must begin submitting reports via CEDRI no later than 90 days after the form becomes available in CEDRI. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
43. Permittee shall maintain a copy of each notification and report submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status report submitted; and records of any other compliance demonstrations. [40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
44. All records shall be maintained and retained on-site for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306, and 4320; and 40 CFR 63 Subpart DDDDD] Federally Enforceable Through Title V Permit
45. Pursuant to Rule 4320, beginning January 1, 2025 the operator shall pay an annual emission fee to the District for NO_x emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NO_x emission limit listed in the December 17, 2020 version of Rule 4320. [District Rule 4320]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-3275-5-1

EXPIRATION DATE: 02/28/2023

EQUIPMENT DESCRIPTION:

GRAPE SEED DRYING OPERATION CONSISTING OF DELUX MFG CO NATURAL GAS-FIRED TOWER GRAIN DRYER WITH A 7.3 MMBTU/HR DELUX MFG CO MODEL 24 ½" NOVA BURNER SYSTEM

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
4. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201 and 4801] Federally Enforceable Through Title V Permit
5. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the dryer burner(s) shall be installed, utilized and maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 0.05 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 0.084 lb-CO/MMBtu, or 0.0141 lb-VOC/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The total heat input shall not exceed 3,660 MMBtu/year during any rolling 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Permittee shall keep a record of the rolling 12-month heat input of the unit. This record shall be updated on a monthly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The permittee shall maintain records which demonstrate the unit is fired exclusively on PUC-regulated natural gas. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement. [District Rule 2201] Federally Enforceable Through Title V Permit
10. All records shall be maintained for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

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

ATTACHMENT C

Detailed Summary List of Facility Permits

Detailed Facility Report
For Facility=3275 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

CALIFORNIA NATURAL COLOR		FAC #	C 3275	TYPE:	TitleV	EXPIRE ON:	02/28/2023
5631 E OLIVE AVE		STATUS:	A	TOXIC ID:	51891	AREA:	6 /
FRESNO, CA 93727		TELEPHONE:	8005570220			INSP. DATE:	12/24

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-3275-3-4	33.66 MMBTU/HR boiler	3020-02 H	1	1,238.00	1,238.00	A	33.66 MMBTU/HR CLEAVER-BROOKS MODEL NBI-800-250-LN-SKID NATURAL GAS-FIRED BOILER EQUIPPED WITH A CLEAVER-BROOKS MODEL CBI.700.800.250 LOW-NOX BURNER, FLUE GAS RECIRCULATION SYSTEM, AND O2 CONTROLLER SERVED BY A NATIONWIDE MODEL CATASTAK SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM
C-3275-5-1	7.3 MMBtu/hr dryer	3020-02 G	1	980.00	980.00	A	GRAPE SEED DRYING OPERATION CONSISTING OF DELUX MFG CO NATURAL GAS-FIRED TOWER GRAIN DRYER WITH A 7.3 MMBTU/HR DELUX MFG CO MODEL 24 1/2" NOVA BURNER SYSTEM

Number of Facilities Reported: 1

ATTACHMENT D

HAP Calculations for Stationary Source

Facility C-447 (E & J Gallo Winery)		Emission Year 2022
CAS	Pollutant Name	Emissions (lb/year)
79345	1,1,2,2-Tetrachloroethane	0.01
75070	Acetaldehyde	54.80
107028	Acroetin	1.05
62533	Aniline	0.14
71432	Benzene	6.97
75150	Carbon disulfide	0.95
56235	Carbon tetrachloride	0.02
463581	Carbonyl sulfide	9.43
108907	Chlorobenzene	0.02
1319773	Cresols (mixtures of) (Cresylic acid)	0.09
117817	Di(2-ethylhexyl) phthalate	0.04
100414	Ethyl benzene	42.40
50000	Formaldehyde	36.10
110543	Hexane	2.11
67561	Methanol	74.70
91203	Naphthalene	0.43
127184	Perchloroethylene (Tetrachloroethene)	0.03
108952	Phenol	0.11
100425	Styrene	0.02
108883	Toluene	10.90
1330207	Xylenes (mixed)	60.00
Totals		300.32