

August 10, 2023

Mr. Marcos Armendariz  
Taft Production Company  
PO Box 1277  
Taft, CA 93268

**Re: Notice of Preliminary Decision – Title V Permit Renewal**  
**Facility Number: S-1234**  
**Project Number: S-1203493**

Dear Mr. Armendariz:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Taft Production Company at 950 N. Petroleum Club Road in Taft, California.

The notice of preliminary decision for this project has been posted on the District's website ([www.valleyair.org](http://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 Ms Erin Scott, Permit Services Manager at (661) 392 5500.

Sincerely,



Brian Clements  
Director of Permit Services

Enclosures

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

**Samir Sheikh**  
Executive Director/Air Pollution Control Officer

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

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1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
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**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: (661) 392-5500 FAX: (661) 392-5585

**SAN JOAQUIN VALLEY  
AIR POLLUTION CONTROL DISTRICT**

**Proposed Title V Permit Renewal Evaluation  
Taft Production Company  
S-1234**

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# **TITLE V PERMIT RENEWAL EVALUATION**

Non-metallic mineral processing facility

**Engineer:** Will Jones

**Date:** 7/27/23

**Facility Number:** S-1234

**Facility Name:** Taft Production Company

**Mailing Address:** PO Box 1277  
Taft, CA 93268

**Contact Name:** Patrick Gollihar and Carla Prasetyo Jo, PE

**Phone:** (661) 765-7194 (PG) and (559) 908-6979 (CP)

**Responsible Official:** Patrick Gollihar

**Title:** Project Manager

**Project # :** S-1203493

**Deemed Complete:** 9/03/20

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## **I. PROPOSAL**

Taft Production Company was issued a Title V permit which was last renewed on 12/5/16. 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 renewed Title V permit.

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

## **II. FACILITY LOCATION**

Taft Production Company's non-metallic mineral processing facility is located at 950 N. Petroleum Club Road in Taft, CA (Section 28, Township 32S, Range 24E in Kern County).

### 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 does not propose to use any model general permit templates.

### V. SCOPE OF EPA AND PUBLIC REVIEW

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 August 15, 2019)
- District Rule 2520, Federally Mandated Operating Permits (amended August 15, 2019)
- 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners (amended July 17, 2019; August 23, 2019; and March 24, 2021)
- 40 CFR Part 82, Subpart F, Recycling and Emissions Reductions (amended December 27, 2017 and April 10, 2020)

#### B. Rules Removed

None

#### C. Rules Added

None

#### 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 1100, Equipment Breakdown, (amended December 17, 1992)
- District Rule 1160, Emission Statements, (amended November 18, 1992)
- District Rule 2010, Permits Required, (amended December 17, 1992)
- District Rule 2020, Exemptions, (amended December 18, 2014)
- District Rule 2031, Transfer of Permits, (amended December 17, 1992)
- District Rule 2040, Applications, (amended December 17, 1992)
- District Rule 2070, Standards for Granting Applications, (amended December 17, 1992)
- District Rule 2080, Conditional Approval, (amended December 17, 1992)
- District Rule 2410, Prevention of Significant Deterioration, (amended November 26, 2012)
- District Rule 4002, National Emissions Standards for Hazardous Air Pollutants, (amended May 20, 2004)
- District Rule 4101, Visible Emissions, (amended February 17, 2005)
- District Rule 4201, Particulate Matter Concentration, (amended December 17, 1992)
- District Rule 4202, Particulate Matter - Emission Rate, (amended December 17, 1992)
- District Rule 4301, Fuel Burning Equipment, (amended December 17, 1992)
- District Rule 4309, Dryers, Dehydrators, and Ovens, (amended December 15, 2005)
- District Rule 4801, Sulfur Compounds, (amended December 17, 1992)
- 40 CFR Part 64, Compliance Assurance Monitoring (amended October 22, 1997)
- 40 CFR Part 60 Appendix F, Quality Assurance Procedures, (amended 7/1/91)
- 40 CFR Part 60 Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants, (amended 4/28/09)
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos (amended 7/20/04)

## 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**

None

**B. Rules Not Updated**

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

The purpose of this rule is to protect the health and safety of the public.

The following conditions are based on District Rule 4102. No changes have been made to the rule, so they will not be discussed any further.

Permit Unit	Condition(s)
0 (facility-wide permit)	1
2	1
14	7, and 24
15	4
17	1
27	8

**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 most recent renewal of this facility's Title V permit, which occurred on August 2016.

**A. District Rule 2020 – Exemptions**

District Rule 2020 lists equipment which are specifically exempt from obtaining permits and specifies recordkeeping requirements to verify such exemptions. The amendments to this rule do not have any effect on current permit requirements and will therefore not be addressed in this evaluation.

**B. District Rule 2201 - New and Modified Stationary Source Review Rule**

District Rule 2201 has been amended since this facility's last 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. The updated requirements of this rule are therefore not applicable at this time.

However, administrative changes were made to the conditions listed below. The conditions reference “NSR Rule”, but that reference has been replaced with “District Rule 2201” for the following conditions:

Permit Unit	Condition(s)
1	2, 3, 4, 5, 6, 7, and 8
2	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, and 20
3	8, and 11
6	1, 2, 3, 4, 5, 6, 7, 8, 9,, 12, 13, 14, 15, 16, 17, 18, and 19
4	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19,
8	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, and 18
12	1, and 2
14	8, 9, 10, 11, 12, 21, 22, and 23
-5	1, 2, 3, 5, 6, 7, 8, 10, 11, and 12
16	1, 2, 3, 4, and 5
17	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13
18	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, and 20
19	3, 4, 5, 6, 7, and 8
22	1, 2, 3, 4, and 8
26	1, 2, 3, 4, 5, 6, 7, 8, and 9
27	2, 3, 4, 5, 6, and 7

### **C. District Rule 2520 - Federally Mandated Operating Permits**

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. 40 CFR Part 82, Subpart B - Stratospheric Ozone**

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

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

This subpart was amended on amended July 17, 2019, August 23, 2019, and March 24, 2021. The amendments to this subpart do not have any effect on the current permit requirements and will therefore not be addressed further in this evaluation. The following condition on the draft renewed permit is a mechanism to ensure compliance with the requirements of this subpart:

Permit Unit	Condition
0 (facility-wide permit)	30

#### **E. 40 CFR Part 82, Subpart F - Recycling and Emissions Reductions**

This subpart was amended since the initial TV was issued. However, the amendments to this subpart do not have any effect on existing permit requirements as addressed by condition 29 of the requirements for permit unit S-1234-0-3 on the draft renewed permit.

The purpose of 40 CFR Part 82 Subpart F is to reduce emissions of class I and class II refrigerants and their substitutes to the lowest achievable level by maximizing the recapture and recycling of such refrigerants during the service, maintenance, repair, and disposal of appliances and restricting the sale of refrigerants consisting in whole or in part of a class I and class II ODS in accordance with Title VI of the Clean Air Act.

These regulations apply to any person servicing, maintaining, or repairing appliances. This subpart also applies to persons disposing of appliances, including small appliances and motor vehicle air conditioners . In addition, this subpart applies to refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, persons selling class I or class II refrigerants or offering class I or class II refrigerants for sale, and persons purchasing class I or class II refrigerants.

This subpart was amended on December 27, 2017 and April 10, 2020. The amendments to this subpart do not have any effect on the current permit requirements and will therefore not be addressed further in this evaluation. The following condition on the draft renewed permit is a mechanism to ensure compliance with the requirements of this subpart:

Permit Unit	Condition
0 (facility-wide permit)	29

## IX. OTHER

### A. Removal Of Section Reverences from District Rules:

The District has elected to remove the section numbers from District rule references on permit conditions. For example the following rules reference for section 5.0 of district rule 1160 “[District Rules 1160, 5.0]” will be revised to District Rule 1160 “[District Rules 1160]”. The rule references for the following permits and conditions have been revised:

Rule Reference Revised	Permit No.	Condition(s)
District Rule 1160, 5.0	0	5
District Rule 2520 13.2	0	41, 42, 43
	1	17
	2	51, 52, 53
	3	16, 17, 18
	4	30
	6	30
	8	28,
	12	11
	13	32, 33
	14	40, 41, 43
	15	30, 31
	16	24, 25
	17	28, 29
	18	31
	19	23, 24
	20	27, 28
	21	21
	22	20, 21, 22, 23
	26	25, 26, 27
	27	25, 26, 27, 28
District Rule 2520, 5.2	0	39

Rule Reference Revised	Permit No.	Condition(s)
District Rule 2520, 9.1.1	0	40
District Rule 2520, 9.13.1 and 10.0	0	28
District Rule 2520, 9.13.2.1	0	20
District Rule 2520, 9.13.2.2	0	21
District Rule 2520, 9.13.2.3	0	22
District Rule 2520, 9.13.2.4	0	23
District Rule 2520, 9.16	0	38
District Rule 2520, 9.3.2	2	49
	17	25
	19	20
	22	18
	26	20
District Rule 2520, 9.3.2 and 40 CFR 64	1	11
	2	31, 33, 39
	4	24
	6	24
	8	22
	12	5
	13	26
	15	23, 24
	16	17, 18
	18	24, 25
	20	20, 21
	21	15
	26	11, 12, 15, 16
	27	18, 19
District Rule 2520, 9.4.1	0	10
	3	15
	8	19
	14	38
	26	23
District Rule 2520, 9.4.1 and 40 CFR 64	1	12
	2	32
	4	25
	6	25
	8	23
	26	13
District Rule 2520, 9.4.2	0	11
	1	16
	2	50
	4	29

<b>Rule Reference Revised</b>	<b>Permit No.</b>	<b>Condition(s)</b>
<i>District Rule 2520, 9.4.2 (continued)</i>	6	29
	8	27
	12	6, 10
	13	27, 31
	14	39
	15	25, 29
	16	23
	17	26, 27
	18	30
	19	21, 22
	20	26
	21	20
	22	19
	26	24
	27	24
District Rule 2520, 9.4.2 and 40 CFR 64	12	6
	13	27
	15	25
	16	19
	18	26
	20	22
	21	16
	27	20
District Rule 2520, 9.5.1	0	12
District Rule 2520, 9.7	0	14
District Rule 2520, 9.8.2	0	15
District Rule 2520, 9.8.3	0	16
District Rule 2520, 9.8.4	0	17
District Rule 2520, 9.8.5	0	18
District Rule 2520, 9.9	0	19
District Rule 4201, 3.0	0	2
District Rule 4201, 3.0 and 40 CFR 60.672(a)	13	16
	15	14
	16	9
	17	15
	19	10
	20	11
	22	9
District Rule 4202, 4.0	1	9
	2	29

<b>Rule Reference Revised</b>	<b>Permit No.</b>	<b>Condition(s)</b>
<i>District Rule 4202, 4.0 (continued)</i>	4	22
	6	22
	8	20
	12	3
	13	24
	14	27
	15	22
	16	16
	17	23
	19	28
	20	19
	21	13
	22	17
	26	10
	27	17
District Rule 4601, 5.1	0	25
District Rule 4601, 5.4	0	26
District Rule 4601, 6.1 and 6.3	0	27
District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1	0	7
District Rules 2520, 9.3.2	17	17
District Rules 2520, 9.3.2 and 40 CFR 64	19	19
District Rules 2520, 9.3.2; 4201, 3.0; and 40 CFR 64	1	10
	2	30
	4	23
	6	23
	8	21
	12	4
	13	25
	21	14
District NSR Rule and District Rule 2520, 9.4.2	19	8
District NSR Rule and District Rules 4301, 5.2 and 4202, 4.0	26	9
District Rule 1160, 5.0	0	5
District Rule 2010, 3.0 and 4.0; and 2020	0	6
District NSR Rule and District Rules 4202, 4.0 and 4301, 5.2	22	8
District NSR Rule, and District Rules 4202, 4.0 and 4301, 5.2	2	20



<b>Rule Reference Revised</b>	<b>Permit No.</b>	<b>Condition(s)</b>
District NSR Rule and District Rule 4201, 3.0	4	15, 17
	14	15
	15	5, 7
	17	8
	26	5
	27	6
District Rule 2201 and District Rule 4201, 3.0	13	7
District NSR Rule and District Rule 4202, 4.0	1	8
	2	19
	3	8
	8	17
	15	88
	27	5
District Rule 2201 and District Rule 2520, 9.4.2	13	12
	20	10
	21	12
District Rule 2201 and District Rule 4202, 4.0	13	9, 10
	21	8
District NSR Rule and District Rule 4201, 3.0	6	12
District NSR Rule and District Rule 4301, 5.2	3	11
	22	8
District NSR Rule, and District Rules 4202, 4.0 and 4301, 5.2	2	20
District Rules 2520, 9.5.2 and 1100, 7.0	0	13
District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)	0	3
District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)	0	4

## **X. 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**

Taft Production Company is not requesting any new permit shields within this Title V renewal project. In addition, Taft Production Company is not requesting any changes to the existing permit shield already included in their Title V operating permit. Therefore, all of the existing permit shields will be maintained on the revised permit for this renewal project.

## **XI. PERMIT CONDITIONS**

See **Attachment A** - Draft Renewed Title V Operating Permit.

## **XII. ATTACHMENTS**

- A. Draft Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. Detailed Facility List

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# ATTACHMENT A

Draft Renewed Title V Operating Permit

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# *San Joaquin Valley*

## *Air Pollution Control District*

**FACILITY:** S-1234-0-4

**EXPIRATION DATE:** 03/31/2021

### **FACILITY-WIDE REQUIREMENTS**

1. {118} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The owner or operator shall not release or discharge into the atmosphere from any single source operation, dust, fumes, or total suspended particulate matter emissions in excess of 0.1 grain per cubic foot of gas at dry standard conditions, as determined by the test methods in Section 4.0 of District Rule 4201 (amended December 17, 1992). [District Rule 4201] Federally Enforceable Through Title V Permit
3. 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] Federally Enforceable Through Title V Permit
4. 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] Federally Enforceable Through Title V Permit
5. 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] Federally Enforceable Through Title V Permit
6. 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, and 2020] Federally Enforceable Through Title V Permit
7. 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, 2080 and 2520] Federally Enforceable Through Title V Permit
8. {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
9. {4368} 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
10. 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] 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: TAFT PRODUCTION CO

Location: 950 N PETROLEUM CLUB ROAD, TAFT, CA

S-1234-0-4 : Jul 31 2023 2:11PM - JONESW

11. 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] Federally Enforceable Through Title V Permit
12. 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] Federally Enforceable Through Title V Permit
13. 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, and 1100] Federally Enforceable Through Title V Permit
14. 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] Federally Enforceable Through Title V Permit
15. 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] Federally Enforceable Through Title V Permit
16. 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] Federally Enforceable Through Title V Permit
17. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520] Federally Enforceable Through Title V Permit
18. 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] Federally Enforceable Through Title V Permit
19. 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] Federally Enforceable Through Title V Permit
20. 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] Federally Enforceable Through Title V Permit
21. 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] Federally Enforceable Through Title V Permit
22. 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] Federally Enforceable Through Title V Permit
23. 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] 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.

24. 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] Federally Enforceable Through Title V Permit
25. 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] Federally Enforceable Through Title V Permit
26. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601] Federally Enforceable Through Title V Permit
27. 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] Federally Enforceable Through Title V Permit
28. 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] Federally Enforceable Through Title V Permit
29. {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
30. {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
31. {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
32. {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
33. {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
34. {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
35. {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
36. {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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

37. {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
38. 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] Federally Enforceable Through Title V Permit
39. 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] Federally Enforceable Through Title V Permit
40. 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] Federally Enforceable Through Title V Permit
41. 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] Federally Enforceable Through Title V Permit
42. 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] Federally Enforceable Through Title V Permit
43. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the applicable requirements of SJVUAPCD Rule 4201 (amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
44. On December 31, 2004, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin January 1 of every year, 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:** S-1234-1-11

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28   **TOWNSHIP:** 32S   **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

PRIMARY CRUSHING/SCREENING/CONVEYING & STORAGE OPERATION

## PERMIT UNIT REQUIREMENTS

1. Operation shall include feed hopper, three conveyors, four elevators, two mills, four silos, one screen, Cyclonaire mini-pot pneumatic conveying system, and Ultra reverse-pulse fabric collector (shared with S-1234-2, '-3, and '-12) with differential pressure gauge. [District Rule 2010] Federally Enforceable Through Title V Permit
2. Unloading spillage shall be minimized to prevent fugitive dust. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Fabric collector shall operate whenever process equipment is operated. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Ventilation system shall be adjusted and maintained to prevent visible emissions from equipment ventilated. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Fines from screens and fabric collector shall be conveyed, via closed systems only to fines silo ventilated to fabric collector. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Other process equipment besides feed hopper, conveyors, elevators, mills, silos, screen, mini-pot pneumatic conveying system, and Ultra reverse-pulse fabric collector shall not be a source of fugitive emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
7. All screen seals and ductwork joints shall be maintained in a manner preventing the entrainment of fugitive particulate matter emissions into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Total particulate matter (PM10) emissions from fabric collector (DC-1) serving permit unit # S-1234-1, '-2, '-12, and '-26 shall not exceed 1.5 lb per hour. [District Rule 2201, and 4202] Federally Enforceable Through Title V Permit
9. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
10. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
11. Dust collection systems shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] 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.



12. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
13. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
14. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
15. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
16. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [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:** S-1234-2-33

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28    **TOWNSHIP:** 32S    **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

DRYING/MILLING/STORAGE OPERATION INCLUDING CONVEYORS, ELEVATORS SCREENS AND MILLS SERVED BY FABRIC FILTERS AND 35 MMBTU/HR NATURAL GAS/PROPANE-FIRED FLUIDIZED BED DRYER D1 WITH COEN BURNER SERVED BY VENTURI SCRUBBER WITH MIST ELIMINATOR

## PERMIT UNIT REQUIREMENTS

1. {1898} 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]
2. Operation shall include feed conveyor C4; feed elevator E4, E6, E8-E13; bucket elevator E16; screen S4; mill M5; conveyors C7; C20-C22; dryer D1; 3 silos T5-T7; fabric collector DC-2; screenhouse B9; and venturi scrubber SV2. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Screenhouse B9 shall include 3 screens S8, S12 and S13, 2 mills M8 and M9, and 5 conveyors C10-C14; all vented to Jamac Fabric Collector DC 2. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The 35 MMBtu/hr natural gas/propane-fired fluidized bed dryer D1 with COEN burner shall include piping for reprocessing of ore material, and dryer exhaust shall be vented to venturi scrubber SV-2. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The total fuel usage shall be limited to 720,000 scf per day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Screen S4; conveyors C7, C20-C22; mill M5; and elevator E6 shall be vented to Ultra reverse-pulse fabric collector DC-1 (shared with S-1234-1, '-12, and '-26) [District Rule 2201] Federally Enforceable Through Title V Permit
7. If Jamac fabric collector DC-2 is inoperable, screenhouse B9 shall be shut down. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Exhaust fan on Jamac fabric collector DC-2 shall be equipped with an electric motor with rating not to exceed 100 hp. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Exhaust outlet for fluidized bed dryer D1 shall be vented solely to venturi scrubber (SV-2) equipped with mist eliminator. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Venturi scrubber SV-2 shall operate whenever fluidized bed dryer D1 is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
11. There shall be 8 in. dia. free-flow piping from bucket elevator at tank T7 to screen S8 for reprocessing ore. [District Rule 2201] Federally Enforceable Through Title V Permit
12. All ventilation ductwork shall have capped pitot ports for measurement of internal fluid velocities. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Duct velocities of ductwork serving screens S8, S12 and S13 shall be maintained at no less than 3,900 ft/min. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Jamac fabric collector, DC-2 shall ventilate 25,800 cfm from screenhouse. [District Rule 2201] Federally Enforceable Through Title V Permit
15. There shall be no visible emissions greater than 5% opacity at any screenhouse ventilation point. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Product in packaging room storage tanks shall not be cleaned (i.e., 25 hp Sutorbuilt Blower will not operate) unless it contains more than 2% fines (less than 40 mesh particles). [District Rule 2201] Federally Enforceable Through Title V Permit
17. Only one packaging tank shall be cleaned at a time. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Vacuum system for reprocessing of product will only handle milled and screened final product (cat litter). [District Rule 2201] Federally Enforceable Through Title V Permit
19. Maximum emission rate of particulate matter 10 microns and smaller (PM10) from Jamac fabric collector shall not exceed 2.55 lb/hr. [District Rule 2201, and 4202] Federally Enforceable Through Title V Permit
20. Maximum emission rate of PM10 from Venturi Scrubber #2 shall not exceed 7.37 lb/hr. [District Rule 2201, 4202, and 4301] Federally Enforceable Through Title V Permit
21. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in fluidized bed dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Sulfur content of propane shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Emissions for NO<sub>x</sub> and CO shall be uncorrected if the measured oxygen exhaust concentration exceeds 19.0% by volume or shall be corrected to 19.0% by volume for units operating at measured O<sub>2</sub> concentrations of 19.0 % by volume or less. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
24. Except during startup and shutdown emissions rates for combustion of natural gas in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.049 lb/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 40 ppmvd CO @ 19% O<sub>2</sub> or 0.280 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
25. Except during startup and shutdown emissions rates for combustion of propane in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.049 lb/MMBtu, 0.0164 lb-SO<sub>x</sub>/MMBtu, 40 ppmvd CO @ 19% O<sub>2</sub> or 0.280 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
26. Total duration of startup shall not exceed 1 hr/day. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
27. Total duration of shutdown shall not exceed 1 hr/day. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
28. Daily records of start-up and shutdown durations and number of occurrences of each shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
29. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
30. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] 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.

31. Dust collection systems shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
32. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
33. Scrubber pressure differential shall be observed and recorded at least daily during operation of the unit. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
34. If scrubber pressure differential is not within the proper range, corrective action shall be taken. Corrective action shall include inspecting scrubber and performing any necessary repairs. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
35. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. 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 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
36. If either the NO<sub>x</sub> or CO concentrations corrected to 19% O<sub>2</sub>, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 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 performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
37. All alternate monitoring parameter 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 analyzer 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 (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
38. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
39. Records of scrubber pressure differential observations shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
40. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
41. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
42. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] 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.

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. Fluidized bed dryer shall be tested for compliance with the NOx and CO emissions limits within 60 days of startup and once every 24 months thereafter. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
46. NOx 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. NOx emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
47. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. CO emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
48. Stack gas oxygen shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
49. PM10 emissions from Jamac Fabric Collector DC 2 and venturi scrubber SV2 shall be source tested annually using CARB Method 5, EPA Method 5 (front half), EPA Method 201A in combination with EPA Method 202, or any combination of these methods. Annual source tests shall be conducted at least 6 months after the previous annual source test but not more than 18 months after the previous annual source test. [District Rule 2520] Federally Enforceable Through Title V Permit
50. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
51. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
52. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
53. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
54. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070, and 2201] Federally Enforceable Through Title V Permit
55. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] 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:** S-1234-3-9

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28    **TOWNSHIP:** 32S    **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

ROTARY DRYER WITH 25 MMBTU/HR GAS-FIRED BURNER ASSEMBLY

## PERMIT UNIT REQUIREMENTS

1. No modification to this unit shall be performed without an Authority to Construct for such modifications, except for changes specified in the conditions below. [District Rule 2010] Federally Enforceable Through Title V Permit
2. Upon seven days prior written notice to the District, this unit may be designated as a dormant emissions unit or an active emissions unit. [District Rule 2080] Federally Enforceable Through Title V Permit
3. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080] Federally Enforceable Through Title V Permit
4. While dormant, normal source testing and monitoring shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
5. Upon recommencing operation of this unit, normal source testing and monitoring shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
6. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080] Federally Enforceable Through Title V Permit
7. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
8. Process weight rate of dryer #2 shall not exceed 10.5 tons per hour. [District Rule 2201, and 4202] Federally Enforceable Through Title V Permit
9. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in dryer #2. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Sulfur content of propane shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Emissions from this permit unit shall not exceed any of the following limits: 3.50 lbm-NO<sub>x</sub> per hour; 0.075 lbm-VOC per hour; 0.425 lbm-CO per hour. [District Rule 2201, and 4301] Federally Enforceable Through Title V Permit
12. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
13. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
15. The permittee shall maintain accurate records of hourly process weight. [District Rule 2520] Federally Enforceable Through Title V Permit
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
18. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
19. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070, and 2201] Federally Enforceable Through Title V Permit
20. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] 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:** S-1234-4-16

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

BAGGING & PACKAGING OPERATION; INCLUDING MAXIMUM OF 5 TRANSFER CONVEYORS, 3 ELEVATORS, 7 BAGGING UNITS AND 7 STORAGE SILOS T8-T14

## **PERMIT UNIT REQUIREMENTS**

1. Visible emissions from Mikro-Pulsaire fabric filter dust collector and Standard Havens fabric filter dust collectors serving bagging and packaging operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Visible emissions from any source operation associated with the permit unit shall not exceed 5% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operation shall include ductwork connecting storage silos to Mikro-Pulsaire, Model 1305-8-20, fabric filter dust collector with 15 hp blower. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include ductwork connecting bagging operations to Standard Havens Alpha/Mark I 100 hp fabric filter dust collection unit. [District Rule 2201] Federally Enforceable Through Title V Permit
5. All conveyors and elevators shall be enclosed and vented to a fabric filter dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Operation shall include ductwork from tanks T8 - T14 to product receiver tank equipped with cyclone and baghouse. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Operation shall include a maximum of one 30 hp positive displacement blower. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Conveyors C-13 and C-14 shall transfer product from deduster units #D1 and D2 (#S-1234-21) to existing bucket elevators #E-12 and E-13. [District Rule 2201] Federally Enforceable Through Title V Permit
9. All ventilation ductwork shall have capped pitot ports for measuring internal velocities. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Mikro-Pulsaire fabric filter dust collector shall be equipped with 130 4-1/2 in. dia. x 8 ft. long dacron HCE filter bags. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Dust collected in fabric filter dust collectors shall be pneumatically transported to storage prior to truck loadout. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Vacuum system for reprocessing of product shall only handle milled and screened final product. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Material removed from fabric filter dust collectors shall be handled and disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
14. All filters shall be maintained in good working order. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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



15. Particulate matter (PM<sub>10</sub>) emissions from Mikro-Pulsaire fabric filter dust collector shall not exceed 0.0089 gr/scf. [District Rules 2201, and 4201] Federally Enforceable Through Title V Permit
16. Ventilation system flow rate into Mikro-Pulsaire fabric collector shall not exceed 4,900 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Particulate matter (PM<sub>10</sub>) emissions from Standard Havens fabric filter dust collector shall not exceed 0.0081 gr/scf. [District Rules 2201, and 4201] Federally Enforceable Through Title V Permit
18. Ventilation system flow rate into Standard Havens fabric filter dust collector shall not exceed 24,600 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit
19. If visible emissions from the dust collectors equal or exceed 5% opacity, then PM<sub>10</sub> emissions from the dust collectors shall be source tested to demonstrate compliance with emissions limits within 30 days of detecting excess visible emissions. Sample collection shall be District-witnessed and shall be performed by an independent laboratory. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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
21. Official source test results and field data shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
22. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
23. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
24. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
25. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
26. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
28. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
29. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [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:** S-1234-6-12

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**  
MATERIAL RECLAIM SYSTEM

**EXPIRATION DATE:** 03/31/2021

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### **PERMIT UNIT REQUIREMENTS**

1. Primary processing line shall include the following equipment: pneumatic conveying system to transfer screening waste fines to waste storage silo, elevator, mechanical air separator, tailings silo, fines silo, and under-silo conveyor to bulk loadout conveyor. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Secondary processing line shall include the following equipment: 50 ton product storage tank, material elevator, and two "Series 80" Rotex screens. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operation shall include provisions for the transfer of waste fines from the existing waste storage silo and tailings silo through the secondary material elevator for processing in the "Series 80" Rotex screens. [District Rule 2201] Federally Enforceable Through Title V Permit
4. All equipment except the mechanical air separator, waste storage silo, and tailings silo shall be vented to the custom fabricated fabric collector with 50 hp exhaust fan. [District Rule 2201] Federally Enforceable Through Title V Permit
5. All conveyors and elevators shall be enclosed and vented to a fabric filter dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Visible emissions from Custom Fabricated dust collector shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The custom fabricated fabric collector shall be equipped with an operational differential pressure indicator, and during fabric collector operation read in the proper range specified by the manufacturer. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Fabric collector shall be maintained with a minimum filter area of 3,769 sq. ft. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Dust collected in Fabric Collector shall be conveyed to storage silo for truck load-out. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Each duct shall be equipped with accessible capped pitot port. [District Rule 1081] Federally Enforceable Through Title V Permit
11. Fabric collector exhaust stack shall be equipped with adequate provisions for stack sampling. [District Rule 1081] Federally Enforceable Through Title V Permit
12. Particulate matter (PM10) emissions from Custom Fabricated dust collector shall not exceed 0.00405 grain/dscf. [District Rules 2201, and 4201] Federally Enforceable Through Title V Permit
13. Ventilation system flow rate into Custom Fabricated dust collector shall not exceed 11,750 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

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14. Fabric collector shall operate whenever process equipment is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
15. All filters shall be properly maintained and must be in place during the operation of process equipment. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Material removed from dust collectors shall be handled and disposed of in a manner preventing entrainment into the atmosphere (less than 5% opacity). [District Rule 2201] Federally Enforceable Through Title V Permit
17. The waste storage silo and tailings silo shall each be equipped with bin vent fabric filters. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Visible emissions from any source operation associated with the permit unit shall not exceed 5% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
19. If visible emissions from the dust collectors equal or exceed 5% opacity, then PM10 emissions from the dust collectors shall be source tested to demonstrate compliance with emissions limits within 30 days of detecting excess visible emissions. Sample collection shall be District-witnessed and shall be performed by an independent laboratory. [District Rule 2201] Federally Enforceable Through Title V Permit
20. 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
21. Official source test results and field data shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
22. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
23. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
24. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
25. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
26. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
28. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
29. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] 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.

30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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

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# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** S-1234-8-7

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

SCREENING, BAGGING, AND RAILCAR LOADOUT OPERATION

### **PERMIT UNIT REQUIREMENTS**

1. Screening operation shall include a maximum of one Rotex, model #82, dust-tight screener with 40 in. x 120 in. screen driven by a 3 hp motor. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Operation shall include a maximum of one 18 inch wide x 18 ft. long dust-tight belt conveyor covered with rubber sheeting. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operation shall include a maximum of one 18 inch wide x 125 ft. long dust-tight belt conveyor covered with rubber sheeting. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include a maximum of one dust-tight Universal, model #U3-1250, bucket elevator with 7.5 hp motor and 1250 cubic feet per hour capacity. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Operation shall include a maximum of one dust-tight storage tank measuring 8 ft. x 8 ft. x 21 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Operation shall include a maximum of two St. Regis valve packers with integral dust collection capability. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Operation shall include a maximum of one dust-tight storage tank measuring 12 ft. x 37 ft. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Operation shall include a pneumatic conveying system to transport collected dust to dust collectors. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Operation shall include a maximum of one dust-tight railcar loadout with dust pickup point. [District Rule 2201] Federally Enforceable Through Title V Permit
10. All equipment or systems installed or used to achieve compliance with the terms and conditions of this Permit to Operate shall be maintained in good working order and be operated as efficiently as possible to minimize air contaminant emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Material removed from dust collectors shall be handled in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
12. All filters shall be maintained in good working order. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Universal U#-1250 bucket elevator shall maintain a minimum ventilation rate of 350 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Railcar loadout and tank T7 cleaning operation shall not operate simultaneously. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

15. Railcar loadout dust pick up vent shall be closed whenever tank T7 cleaning operation is conducted. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Tank cleaning operation shall maintain a minimum ventilation rate of 1400 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Particulate matter (PM-10) emissions for permit unit shall not exceed 0.0165 lb per ton of material processed. [District Rules 2201, and 4202] Federally Enforceable Through Title V Permit
18. Production at this operation shall not exceed 960 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The permittee shall maintain accurate records of daily process weight. [District Rule 2520] Federally Enforceable Through Title V Permit
20. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
21. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
22. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
23. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
24. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
25. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
26. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [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:** S-1234-12-4

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

FINES TRUCK LOADOUT OPERATION INCLUDING RETRACTABLE, COAXIAL, TRUCK LOADOUT SPOUT VENTED TO ULTRA REVERSE-PULSE FABRIC COLLECTOR SHARED WITH S-1234-1, '-2 AND '-3

### **PERMIT UNIT REQUIREMENTS**

1. Fabric collector shall operate whenever trucks are being loaded. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Ventilation system shall be adjusted and maintained to prevent visible emissions from loadout spout, trucks, and fines silo listed on PTO #S-1234-1. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
4. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
5. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
6. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
7. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
8. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
9. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
10. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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

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***San Joaquin Valley  
Air Pollution Control District***

**PERMIT UNIT:** S-1234-13-11

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28    **TOWNSHIP:** 32S    **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS RECEIVING & STORAGE OPERATION

**PERMIT UNIT REQUIREMENTS**

1. Operation shall include 20,550 cubic foot capacity raw ore storage silo #102 with Rees 29S wheel fan. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Operation shall include the following equipment shared with PTO #S-1234-20: hopper #101, belt conveyor #101, elevator #101, belt conveyor #102, belt conveyor #103, and #101 fabric collector, model 100S-2-20 with 7.5 hp motor. [District Rule 2201] Federally Enforceable Through Title V Permit
3. No more than 600 tons of material shall be received on any day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Minimum exhaust duct velocity shall be maintained at 3,840 fpm. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Fabric collector #101 shall be operated whenever storage silos are in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
6. There shall be no detectable emissions except at truck receiving hopper and fabric collector #101. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Particulate matter emissions from belt conveyors and silo vent exhaust shall not exceed 0.058 grams/dscm. [District Rules 2201, and 4201] Federally Enforceable Through Title V Permit
8. Operation of all equipment included with this permit unit shall not exceed 24 hours on any day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Fugitive particulate matter emissions from truck receiving hopper shall not exceed 2.50 lbm per hour. [District Rules 2201, and 4202] Federally Enforceable Through Title V Permit
10. Particulate matter emissions from fabric collector #101 shall not exceed 0.34 lbm per hour. [District Rules 2201, and 4202] Federally Enforceable Through Title V Permit
11. PM10 emissions from S-1234-13, 20 and '21 shall not exceed 23,632 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Accurate daily records of the amount & type of material received and the daily hours of operation shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 2201, and 2520] Federally Enforceable Through Title V Permit
13. If fabric collector exhibits visible emissions, then PM10 emissions from fabric collectors shall be tested to demonstrate compliance with emissions limits. Sample collection shall be District-witnessed and testing shall be by an independent laboratory. [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. 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
15. The results of each source test, including field data and official test results, shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
16. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
17. Except from truck dumping, owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
18. Visible emissions from dust collector #101 shall not exceed 7% opacity. [40 CFR 60.672(f)] Federally Enforceable Through Title V Permit
19. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
20. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
21. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
22. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
23. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
24. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
25. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
26. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] 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.

27. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
28. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
29. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
30. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
31. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
32. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
33. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [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:** S-1234-14-16

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28   **TOWNSHIP:** 32S   **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS DRYING OPERATION WITH FLUIDIZED BED DRYER WITH 32 MMBTU/HR COEN NATURAL GAS/LPG-FIRED BURNER, SERVED BY CYCLONE (#101) AND FABRIC COLLECTOR (#102)

## PERMIT UNIT REQUIREMENTS

1. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Permittee shall submit written notification to the District upon designating the unit as dormant or active. [District Rule 2080] Federally Enforceable Through Title V Permit
3. While dormant, normal source testing shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
4. Upon recommencing operation of this unit, normal source testing shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
5. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080] Federally Enforceable Through Title V Permit
6. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
7. {1898} 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]
8. Operation shall include fabric collector #102 serving fluid-bed dryer #101 and cyclone #101. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Total heat input to burner shall not exceed 640 MMBtu/day regardless of fuel burned. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Exhaust duct flow rate to fabric collector #102 shall be maintained at no more than 28,000 scfm. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Particulate matter (as PM10) emissions from fabric collector #102 shall not exceed 2.14 lb/hour. [District Rule 2201, 4202, and 4301] Federally Enforceable Through Title V Permit
12. Stack particulate matter (as PM10) concentration from fabric collector #102 shall not exceed 0.0089 grains/dscf (BACT requirement). [District Rule 2201, and 4201] Federally Enforceable Through Title V Permit
13. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in fluidized bed dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Sulfur content of propane shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

15. Emissions for NO<sub>x</sub> and CO shall be uncorrected if the measured oxygen exhaust concentration exceeds 19.0% by volume or shall be corrected to 19.0% by volume for units operating at measured O<sub>2</sub> concentrations of 19.0 % by volume or less. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
16. Except during startup and shutdown emissions rates for combustion of natural gas in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.049 lb/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 40 ppmvd CO @ 19% O<sub>2</sub> or 0.280 lb-CO/MMBtu, or 0.09 lb/hr VOC. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
17. Except during startup and shutdown emissions rates for combustion of propane in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.049 lb/MMBtu, 0.0164 lb-SO<sub>x</sub>/MMBtu, 40 ppmvd CO @ 19% O<sub>2</sub> or 0.280 lb-CO/MMBtu, or 0.09 lb/hr VOC. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
18. Total duration of startup shall not exceed 1 hr/day. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
19. Total duration of shutdown shall not exceed 1 hr/day. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
20. Daily records of start-up and shutdown durations and number of occurrences of each shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Dust collection equipment shall be in operation when process equipment is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Flue gas temperature shall be maintained at all times so as to eliminate condensation in fabric collector and to not exceed bag material temperature limit. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Fluidized bed dryer shall have no fugitive emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Material removed from fabric dust collector #102 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 4102]
25. Visible emissions at fabric dust collectors #102 shall not exceed 7% opacity. [40 CFR 60.672(a) and 60.672(f)] Federally Enforceable Through Title V Permit
26. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
27. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
28. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. 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 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] 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.

29. If either the NO<sub>x</sub> or CO concentrations corrected to 19% O<sub>2</sub>, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 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 performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
30. All alternate monitoring parameter 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 analyzer 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 (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
31. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
32. 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
33. 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
34. Fluidized bed dryer shall be tested for compliance with the NO<sub>x</sub> and CO emissions limits once every 24 months. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
35. NO<sub>x</sub> 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. NO<sub>x</sub> emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
36. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. CO emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
37. Stack gas oxygen shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 2201, and 4309] Federally Enforceable Through Title V Permit
38. Permittee shall maintain accurate daily records of the type and amount of fuel used and the daily hours of operation and make such records readily available for District inspection upon request. [District Rule 2520] Federally Enforceable Through Title V Permit
39. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

41. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
43. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
44. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070, and 2201] Federally Enforceable Through Title V Permit
45. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, and 4309] 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:** S-1234-15-14

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28    **TOWNSHIP:** 32S    **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AG CHEMICALS/MINERALS SCREENING, MILLING AND STORAGE OPERATION INCLUDING CONVEYORS 101, 107, & 110, ELEVATORS 104 & 107, SCREENS 105 & 106, TANK 108, DEDUSTER 102, FABRIC COLLECTORS 103 & 108, & TRANSFER PIPE FROM SCREEN 105 TO S-1234-22

## PERMIT UNIT REQUIREMENTS

1. Product transfer pipe from Rotex screen #105 to permit unit S-1234-22, cat litter painting operation, shall be fully enclosed. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Conveyors #101, 107 and 110, bucket elevators #104 & 107, roll mills #104 & #105, Rotex screens #105 & 106, and product storage tank #108 shall vent to Poly Pulse, model #1100-D-65, fabric collector #103 shared with units S-1234-16, '-17, and '-19. Deduster #102 shall vent to fabric collector #108. Roll mill #107 shall vent to fabric collector #105 shared with S-1234-14. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Exhaust duct flow rate into fabric dust collector #103 shall not exceed 26,642 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Material removed from fabric dust collectors #103 and #108 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 4102]
5. Particulate matter emissions from fabric dust collector #103 shall not exceed 0.01 grains/dscf. [District Rule 2201, and 4201] Federally Enforceable Through Title V Permit
6. Exhaust duct flow rate into fabric dust collector #108 serving deduster #102 shall not exceed 7000 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Particulate matter emissions from fabric dust collector #108 shall not exceed 0.004 grains/dscf. [District Rule 2201, and 4201] Federally Enforceable Through Title V Permit
8. Particulate matter emissions from fabric collector #103 shall not exceed 2.28 lbm per hour (including combined emissions from permit #'s S-1234-15, '-16, '-17, and '-19. [District Rule 2201, and 4202] Federally Enforceable Through Title V Permit
9. Exhaust ductwork shall have capped pitot ports for measurement of internal gas velocities. [District Rule 1081] Federally Enforceable Through Title V Permit
10. Dust collection equipment shall be in operation when process equipment is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Totally enclosed belt conveyor shall have no fugitive emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Fabric collector filter bags shall be maintained in good working order at all times, and shall have no tears, rips or holes. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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



13. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart 000 "Standards of Performance of Non-Metallic Mineral Processing Plants." [District Rule 4001, and 40 CFR 60 Subpart 000] Federally Enforceable Through Title V Permit
14. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
15. Visible emissions at fabric dust collectors #103 and #108 shall not exceed 7% opacity. [40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
16. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
17. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
18. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
19. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
20. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
21. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
22. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
23. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
24. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
25. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] 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.

26. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
28. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
29. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
31. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [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:** S-1234-16-7

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS SCREENING, MILLING & STORAGE OPERATION (MIDDLE LINE) INCLUDING ROTEX SCREENS #103, #104, AND #108, ROLL MILL #103, ENCLOSED CONVEYOR #116, AND TANK #107 RECEIVING MATERIAL FROM ELEVATOR #107 LISTED ON PTO #S-1234-15.

## **PERMIT UNIT REQUIREMENTS**

1. Visible emissions from any source operation, including any dust collector, associated with this permit unit shall not exceed 5% opacity. [District Rule 2201, 40 CFR 60.672(a) and 40 CFR 60.672(f)] Federally Enforceable Through Title V Permit
2. All conveyors and elevators shall be enclosed and vented to a fabric filter dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Fabric collector #103 (shared with units S-1234-15, '-17, and '-19) shall operate whenever this permit unit is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Particulate matter emissions from this permit unit are included with emissions limit listed on PTO #S-1234-15 for fabric collector #103. [District Rule 2201] Federally Enforceable Through Title V Permit
5. If visible emissions from the dust collectors equal or exceed 5% opacity, then PM10 emissions from the dust collectors shall be source tested to demonstrate compliance with emissions limits within 30 days of detecting excess visible emissions. Sample collection shall be District-witnessed and shall be performed by an independent laboratory. [District Rule 2201] Federally Enforceable Through Title V Permit
6. 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
7. Official results of each source test and field data shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
8. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart 000 "Standards of Performance of Non-Metallic Mineral Processing Plants." [District Rule 4001, and 40 CFR 60 Subpart 000] Federally Enforceable Through Title V Permit
9. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
10. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
12. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
13. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
14. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
15. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
16. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
17. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
18. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
19. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
20. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
21. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
22. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
23. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
24. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] 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.

25. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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

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***San Joaquin Valley  
Air Pollution Control District***

**PERMIT UNIT:** S-1234-17-9

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28   **TOWNSHIP:** 32S   **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AG/CHEM MINERALS SCREENING, MILLING AND STORAGE OPERATION(SOUTH LINE) INCLUDING CONVEYORS 106, 108, & 109, ROTEX SCREENS 101, 102, & 107, ROLL MILLS 101 & 102, TANKS 105 & 106, DEDUSTER 103 AND FABRIC COLLECTOR 107 SHARED WITH S-1234-22

## PERMIT UNIT REQUIREMENTS

1. Material removed from fabric dust collector #107 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 4102]
2. Deduster #101 shall be vented to fabric dust collector #107. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Exhaust duct flow rate into baghouse #107 serving deduster #101 shall not exceed 4200 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit
4. All belt conveyors, bucket elevators, Rotex screens, roll mills, the product tank (#106) and the wash tank (#106) shall be vented exclusively to fabric dust collector #103 shared with S-1234-15, '-16, and '-19. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Fabric dust collectors #103 (shared with S-1234-15, '-16, and '-19) and #107 shall operate whenever this equipment operates. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Fabric dust collector #107 shall be shared with permit S-1234-22. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Fabric dust collector #107 is authorized to serve deduster #101 and permit unit S-1234-22 simultaneously. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Particulate matter emissions from fabric dust collector #107 shall not exceed 0.004 grains/dscf. [District Rule 2201, and 4201] Federally Enforceable Through Title V Permit
9. Ventilation system pickups shall be placed at all material transfer points in such a manner as to eliminate dust emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
10. All exhaust ductwork shall be supported so as to eliminate bending or kinking of exhaust ductwork. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Exhaust ductwork shall have capped pitot ports for measurement of internal gas velocities. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Branch entries to main exhaust duct shall be at no less than 45 degree angle. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Fabric collector filter bags shall be maintained in good working order at all times, and shall have no tears, rips or holes. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart 000 "Standards of Performance of Non-Metallic Mineral Processing Plants." [District Rule 4001, and 40 CFR 60 Subpart 000] Federally Enforceable Through Title V Permit
15. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
16. Visible emissions from fabric dust collectors #103 and #107 shall not exceed 7% opacity. [40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
17. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
18. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
19. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
20. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
21. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
22. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
23. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
24. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each quarter the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520] Federally Enforceable Through Title V Permit
25. Dust collection system shall be inspected at least annually when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
26. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] 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.

27. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [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:** S-1234-18-20

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS PROCESSING OPERATION

## PERMIT UNIT REQUIREMENTS

1. Operation shall include one custom fabric collector #104 serving the following equipment: two belt conveyors, three accumulation gravity roller conveyors, one Spee-Dee 4 cup volume filler with 1/3 hp TEFC drive motor, six 12' Dia. x 32' Ht. product feed tanks, six St. Regis valve packers (bagging machines), one Jug/Bottle filler and one Parson's bagger (paper). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Operation shall include three belt conveyors, one fully enclosed belt vibrating conveyor, three elevators served by fabric collector #103 (part of S-1234-15). [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operation shall include dust collector #106 equipped with 72-6" dia. x 120" polyester bags and 15 hp blower serving the following equipment: carrier vibrating conveyor 114A and a totally enclosed custom conveyor with holding bin, 1 hp, 12 in. wide x 12 ft. long conveyor belt; two covered hoppers; two enclosed feeders, two 1 hp Parson bag packers/bottlers; belt conveyors #1 and #3; one transfer elevator and conveyor (outside building); and one 12 ft dia. by 33 ft high storage tank. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include 2 hp enclosed Munson mixer; 1 hp, 12 in. wide x 12 ft. long conveyor belt; two K-Tron enclosed weigh belts; two covered gum hoppers; two enclosed gum feeders; and two 1 hp Parson bag packer/bottlers. [District Rule 2201] Federally Enforceable Through Title V Permit
5. All conveyors and elevators shall be enclosed and vented to a fabric filter dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Visible emissions from Dust collector #104 and #106 shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Fabric collectors shall be equipped with reverse pulse jet bag cleaning system. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Ventilation system dust pickups shall be placed at all material transfer points in a manner eliminating visible emissions greater than 5% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Each ventilation system duct shall have capped pitot port for measurement of gas velocity. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Branch entries to main ducts shall be at no more than a 45 degree angle. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Fabric collectors shall be equipped with operational differential pressure indicators, and during fabric collector operation read in the proper range specified by the manufacturer. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Dust collection equipment shall be in operation whenever process equipment is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Collected dust shall be disposed of in a manner eliminating visible emissions greater than 5% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Particulate matter (PM10) emissions from fabric dust collector #104 shall not exceed 0.00833 grain/dscf. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Ventilation system flow rate into fabric dust collector #104 shall not exceed 18,950 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Baghouse #106 shall maintain a collection efficiency of at least 99%. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Particulate matter (PM10) emissions from fabric dust collector #106 shall not exceed 0.01 grain/dscf. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Ventilation system flow rate into fabric dust collector #106 shall not exceed 6,750 cfm. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Visible emissions from the dust collectors shall be inspected monthly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
20. If visible emissions equal or exceed 5% opacity, then compliance with fabric collector PM10 emission limits shall be demonstrated by District-witnessed sample collection by an independent testing laboratory within 30 days of detecting excess visible emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
21. 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
22. Official test results and field data shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
23. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
24. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
25. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
26. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
28. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
29. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] 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.

30. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
31. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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

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# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** S-1234-19-6

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS BULK LOADOUT OPERATION

### **PERMIT UNIT REQUIREMENTS**

1. Operation shall include two belt conveyors (#'s 111 & 112), DCL coaxial loading spout, model #OV-24-12, with 3/4 hp drive motor ventilated to fabric collector #103 shared with units S-1234-15, '-16, and '-17. [District Rule 2010] Federally Enforceable Through Title V Permit
2. Operation shall include fully enclosed waste auger conveyor #101 delivery from waste tank to DCL coaxial loading spout listed in condition (2). [District Rule 2010] Federally Enforceable Through Title V Permit
3. Only closed trucks w/ fill opening compatible w/ coaxial load spout adaptor shall be loaded or loadout port shall be equipped w/ automatic height controls maintaining contact between outer sleeve skirt and vehicle floor or stack of loaded material. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Fabric collector #103 (shared with units S-1234-15, '-16, and '-17) shall operate whenever equipment associated with this permit unit is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
5. There shall be no detectable fugitive emissions from bulk loading equipment, loading spout or truck during transfer of materials. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Operation of this permit unit shall not exceed 20 hours per day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Particulate matter emissions from this permit unit are included with emissions for fabric collector #103 shared with units S-1234-15, '-16, and '-17. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Permittee shall maintain accurate records of daily amount of material processed and daily hours of operation and shall make such records readily available for District inspection upon request. [District Rule 2201, and 2520] Federally Enforceable Through Title V Permit
9. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart 000 "Standards of Performance of Non-Metallic Mineral Processing Plants." [District Rule 4001, and 40 CFR 60 Subpart 000] Federally Enforceable Through Title V Permit
10. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
11. Visible emissions from fabric dust collector #103 shall not exceed 7% opacity. [40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
12. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
14. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
15. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
16. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
17. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
18. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
19. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least annually during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rule 2520] Federally Enforceable Through Title V Permit
20. Dust collection systems shall be inspected at least annually when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
21. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] Federally Enforceable Through Title V Permit
22. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
23. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
24. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [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:** S-1234-20-6

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS RECEIVING & STORAGE OPERATION

**PERMIT UNIT REQUIREMENTS**

1. Operation shall include the following equipment shared with PTO #S-1234-0013: hopper #101, belt conveyors #'s 101-103, 24 in. x 58 in. x 88 ft. elevator #101, and model #1005-2-20 fabric collector #101. [District Rule 2010] Federally Enforceable Through Title V Permit
2. Operation shall include 20,550 cubic ft. raw ore storage silo #101. [District Rule 2010] Federally Enforceable Through Title V Permit
3. No more than 600 tons of material shall be received per day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Minimum exhaust duct velocity shall be maintained at 3839 fpm. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Fabric collector #101 shall operate whenever process equipment is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
6. There shall be no detectable emissions except at truck receiving hopper and fabric collector #101. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Operation of this equipment shall not exceed 24 hours per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emissions from S-1234-13, 20 and '21 shall not exceed 23,632 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Particulate matter emissions from this permit unit are included with emissions for fabric collector #101 shared with unit #S-1234-13. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Accurate daily records of the amount & type of material received and the daily hours of operation shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 2201, and 2520] Federally Enforceable Through Title V Permit
11. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
12. Except from truck dumping, owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
13. Visible emissions from fabric collector #101 shall not exceed 7% opacity. [40 CFR 60.672(f)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
15. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
16. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
17. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
18. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
19. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
20. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
21. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
22. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
23. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
24. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
25. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
26. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] 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.

28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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

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# *San Joaquin Valley*

## *Air Pollution Control District*

**PERMIT UNIT:** S-1234-21-9

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

PRODUCT DE-DUSTING SYSTEM INCLUDING DEDUSTERS, ADDITIVE BIN, BUCKET ELEVATORS, CONVEYORS AND A DUST COLLECTOR

### **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 dark or darker than Ringelmann 1/2 or equivalent to 10% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Additive shall be received in bags and hand dumped into 64 cu.ft. bin with visible emissions less than 10% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operation shall include: two 20 hp deduster units #D1 and D2, one 5 hp bucket elevator #E18, and two 3 hp conveyors #C20 and C21. [District Rule 2010] Federally Enforceable Through Title V Permit
4. Operation shall include: one additive bin with one 2 hp bucket elevator #E19, and one Ultra Industries, model ND-300, dust collector #DC5 equipped with 50 hp blower. [District Rule 2010] Federally Enforceable Through Title V Permit
5. All material transfer points approved shall be enclosed. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Deduster units #D1 and D2 shall be enclosed and vented exclusively to dust collector #DC5. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Total weight of all materials introduced into this permit unit shall not exceed 1,500 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emission rate for permit unit shall not exceed 0.0163 lb-PM10 per ton of material processed. [District Rule 2201, and 4202] Federally Enforceable Through Title V Permit
9. PM10 emissions from S-1234-13, 20 and '21 shall not exceed 23,632 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Dust collector #DC5 shall be maintained with a minimum filter area of 4,590 sq. ft. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Material removed from dust collector #DC5 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall keep accurate records of material processed on a daily basis, and shall make such records readily available for District inspection for a period of at least five years. [District Rule 2201, and 2520] Federally Enforceable Through Title V Permit
13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 4201, and 40 CFR 64] Federally Enforceable Through Title V Permit
15. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
16. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
17. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
18. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
19. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
20. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
21. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [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:** S-1234-22-9

**EXPIRATION DATE:** 03/31/2021

**EQUIPMENT DESCRIPTION:**

CAT LITTER PAINTING OPERATION INCLUDING: ONE BUCKET ELEVATOR, ONE PAINT MIXER, ONE 0.4 MMBTU/HR NATURAL GAS FIRED DRYER, ONE EXHAUST FAN, AND ONE CONVEYOR

## **PERMIT UNIT REQUIREMENTS**

1. The enclosed chute from permit S-1234-15, bucket elevator, loading of the unpainted cat litter, and emissions from the screen/mixer shall be enclosed and vented to baghouse #107 shared with permit unit S-1234-17. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Material introduced to the dryer shall not exceed 24 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Paint usage shall not exceed 240 gallons per day and 25,043 gallons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
4. VOC content of paint shall not exceed 0.69 pound per gallon. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Sulfur content of natural gas shall not exceed 1.0 gr S/100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Sulfur content of LPG shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Dryer emissions shall not exceed: NO<sub>x</sub> - 100.0 lb/MMscf; VOC - 5.3 lb MMscf; PM<sub>10</sub> - 12.0 lb/MMscf; and CO - 21.0 lb/MMscf. [District Rule 2201, and 4301] Federally Enforceable Through Title V Permit
9. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
10. Visible emissions from fabric dust collector #107 shall not exceed 7% opacity. [40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
11. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
12. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
14. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
15. When testing for compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply: (i) There are no individual readings greater than 10 percent opacity; and (ii) There are no more than 3 readings of 10 percent for the 1-hour period. [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
16. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
17. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
18. Permittee shall keep accurate records of material processed, paint usage on a daily basis, and VOC content of paint. Records shall be made readily available for District inspection for a period of at least five years. [District Rule 2520] Federally Enforceable Through Title V Permit
19. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
21. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
22. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
23. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
24. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
25. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] 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:** S-1234-26-6

**EXPIRATION DATE:** 03/31/2021

**EQUIPMENT DESCRIPTION:**

CLEANING/MILLING OPERATION #2 INCLUDING TWO BELT CONVEYORS, TWO FEED ELEVATORS AND SHARED FABRIC COLLECTOR

### **PERMIT UNIT REQUIREMENTS**

1. Universal vibrating screen shall vent to venturi scrubber #1. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Feed elevators and enclosed screen shall be ventilated to Ultra reverse pulse fabric collector (shared with S-1234-1, '-2, and '-12). [District Rule 2201] Federally Enforceable Through Title V Permit
3. Unloading spillage shall be minimized to prevent fugitive dust emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Scrubber H2O supply shall have operational pressure gauge with pressure differential maintained above 8.5 inches W.C. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Particulate matter concentration at scrubber exhaust shall not exceed 0.027 grains/scf. [District Rule 2201 and 4201] Federally Enforceable Through Title V Permit
6. Ultra reverse pulse fabric collector (shared with S-1234-1, '-2, and '-12) shall operate whenever process equipment is operated. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Ventilation system serving feed conveying, elevating, screening and milling equipment shall be adjusted and maintained to prevent visible emissions from the ventilated equipment. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Fines from screen shall be conveyed via closed system only to fines silo listed on PTO #S-1234-1. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Particulate matter (PM10) emissions from this permit unit shall not exceed 5.32 lb per hour. [District Rule 2201, 4301 and 4202] Federally Enforceable Through Title V Permit
10. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
11. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
12. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
14. Scrubber pressure differential shall be observed and recorded at least daily during operation of the unit. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
15. If scrubber pressure differential is not within the proper range, corrective action shall be taken. Corrective action shall include inspecting scrubber and performing any necessary repairs. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
16. Records of scrubber pressure differential observations shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
17. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
18. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
19. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
20. PM10 emissions from Ultra reverse pulse fabric collector and venturi scrubber #1 shall be source tested annually using CARB Method 5, EPA Method 5 (front half), EPA Method 201A in combination with EPA Method 202, or any combination of these methods. Annual source tests shall be conducted at least 6 months after the previous annual source test but not more than 18 months after the previous annual source test. [District Rule 2520] Federally Enforceable Through Title V Permit
21. 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
22. 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
23. The permittee shall maintain accurate records of hourly process weight. [District Rule 2520] Federally Enforceable Through Title V Permit
24. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
25. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [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:** S-1234-27-2

**EXPIRATION DATE:** 03/31/2021

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS PROCESSING AND STORAGE OPERATION WITH ROLL-MILL AND SCREEN, TWO CONVEYORS (#104 AND #105) ELEVATOR (#102) AND TWO TANKS (#103 AND #104) SERVED BY DUST COLLECTOR (#105)

## **PERMIT UNIT REQUIREMENTS**

1. {1898} 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]
2. Operation shall include two 5 hp belt conveyors #'s 104 & 105, one roll mill #101, elevator #102, one screen, and two dried feed tanks #'s 103 & 104. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operation shall include U.S. Air Filtration, model 99, fabric collector #105, with 15 hp blower motor serving roll mill, screen, conveyor #105, elevator #102, ore storage tanks #103 and #104, and roll mill #107 listed on permit S-1234-15. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Exhaust duct flow rate to fabric collector #105 shall be maintained at no more than 6,489 scfm. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Particulate matter (as PM10) emissions from fabric collector #105 shall not exceed 0.22 lb/hour. [District Rule 2201 and 4202] Federally Enforceable Through Title V Permit
6. Stack particulate matter (as PM10) concentration from fabric collector #105 shall not exceed 0.004 grains/dscf. [District Rule 2201, and 4201] Federally Enforceable Through Title V Permit
7. Dust collection equipment shall be in operation when process equipment is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Material removed from fabric dust collector #105 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 4102]
9. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart OOO "Standards of Performance of Non-Metallic Mineral Processing Plant." [District Rule 4001 and 40 CFR 60 Subpart OOO] Federally Enforceable Through Title V Permit
10. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
11. Visible emissions at fabric dust collector #105 shall not exceed 7% opacity. [40 CFR 60.672(a) and 60.672(f)] Federally Enforceable Through Title V Permit
12. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
14. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
15. When testing for compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply: (i) There are no individual readings greater than 10 percent opacity; and (ii) There are no more than 3 readings of 10 percent for the 1-hour period. [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
16. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
17. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
18. Visible emissions from the dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
19. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520 and 40 CFR 64] Federally Enforceable Through Title V Permit
20. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, and 40 CFR 64] Federally Enforceable Through Title V Permit
21. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
22. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
23. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
24. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520] Federally Enforceable Through Title V Permit
25. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520] 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.



26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
29. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, and 4309] Federally Enforceable Through Title V Permit

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

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# ATTACHMENT B

Previous Title V Operating Permit

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# *San Joaquin Valley*

## *Air Pollution Control District*

**FACILITY:** S-1234-0-3

**EXPIRATION DATE:** 03/31/2021

### **FACILITY-WIDE REQUIREMENTS**

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The owner or operator shall not release or discharge into the atmosphere from any single source operation, dust, fumes, or total suspended particulate matter emissions in excess of 0.1 grain per cubic foot of gas at dry standard conditions, as determined by the test methods in Section 4.0 of District Rule 4201 (amended December 17, 1992). [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
3. 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
4. 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
5. 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
6. 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
7. 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
8. 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
9. 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
10. 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

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: TAFT PRODUCTION CO  
Location: 950 N PETROLEUM CLUB ROAD, TAFT, CA  
S-1234-0-3 : Jul 31 2023 2:10PM - JONESW

11. 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
12. 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
13. 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
14. 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
15. 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
16. 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
17. 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
18. 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
19. 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
20. 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
21. 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
22. 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
23. 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.

24. 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
25. 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
26. 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
27. 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
28. 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
29. 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
30. 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
31. 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
32. 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
33. 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
34. 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
35. 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.

36. 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
37. 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
38. 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
39. 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
40. 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
41. 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
42. 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
43. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the applicable requirements of SJVUAPCD Rule 4201 (amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. On December 31, 2004, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin January 1 of every year, 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:** S-1234-1-8

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28    **TOWNSHIP:** 32S    **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

PRIMARY CRUSHING/SCREENING/CONVEYING & STORAGE OPERATION

## **PERMIT UNIT REQUIREMENTS**

1. Operation shall include feed hopper, three conveyors, four elevators, two mills, four silos, one screen, Cyclonaire mini-pot pneumatic conveying system, and Ultra reverse-pulse fabric collector (shared with S-1234-2, '-3, and '-12) with differential pressure gauge. [District Rule 2010] Federally Enforceable Through Title V Permit
2. Unloading spillage shall be minimized to prevent fugitive dust. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Fabric collector shall operate whenever process equipment is operated. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Ventilation system shall be adjusted and maintained to prevent visible emissions from equipment ventilated. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Fines from screens and fabric collector shall be conveyed, via closed systems only to fines silo ventilated to fabric collector. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Other process equipment besides feed hopper, conveyors, elevators, mills, silos, screen, mini-pot pneumatic conveying system, and Ultra reverse-pulse fabric collector shall not be a source of fugitive emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All screen seals and ductwork joints shall be maintained in a manner preventing the entrainment of fugitive particulate matter emissions into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Total particulate matter (PM10) emissions from fabric collector (DC-1) serving permit unit # S-1234-1, '-2, '-12, and '-26 shall not exceed 1.5 lb per hour. [District NSR Rule and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
9. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
10. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2; and 40 CFR 64] Federally Enforceable Through Title V Permit
11. Dust collection systems shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] 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.

12. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.1 and 40 CFR 64] Federally Enforceable Through Title V Permit
13. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
14. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
15. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
16. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-2-30

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

DRYING/MILLING/STORAGE OPERATION INCLUDING CONVEYORS, ELEVATORS SCREENS AND MILLS SERVED BY FABRIC FILTERS AND 35 MMBTU/HR NATURAL GAS/PROPANE-FIRED FLUIDIZED BED DRYER D1 WITH COEN BURNER SERVED BY VENTURI SCRUBBER WITH MIST ELIMINATOR

### **PERMIT UNIT REQUIREMENTS**

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1. 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]
2. Operation shall include feed conveyor C4; feed elevator E4, E6, E8-E13; bucket elevator E16; screen S4; mill M5; conveyors C7; C20-C22; dryer D1; 3 silos T5-T7; fabric collector DC-2; screenhouse B9; and venturi scrubber SV2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Screenhouse B9 shall include 3 screens S8, S12 and S13, 2 mills M8 and M9, and 5 conveyors C10-C14; all vented to Jamac Fabric Collector DC 2. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The 35 MMBtu/hr natural gas/propane-fired fluidized bed dryer D1 with COEN burner shall include piping for reprocessing of ore material, and dryer exhaust shall be vented to venturi scrubber SV-2. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The total fuel usage shall be limited to 720,000 scf per day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Screen S4; conveyors C7, C20-C22; mill M5; and elevator E6 shall be vented to Ultra reverse-pulse fabric collector DC-1 (shared with S-1234-1, '-12, and '-26) [District NSR Rule] Federally Enforceable Through Title V Permit
7. If Jamac fabric collector DC-2 is inoperable, screenhouse B9 shall be shut down. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Exhaust fan on Jamac fabric collector DC-2 shall be equipped with an electric motor with rating not to exceed 100 hp. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Exhaust outlet for fluidized bed dryer D1 shall be vented solely to venturi scrubber (SV-2) equipped with mist eliminator. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Venturi scrubber SV-2 shall operate whenever fluidized bed dryer D1 is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
11. There shall be 8 in. dia. free-flow piping from bucket elevator at tank T7 to screen S8 for reprocessing ore. [District NSR Rule] Federally Enforceable Through Title V Permit
12. All ventilation ductwork shall have capped pitot ports for measurement of internal fluid velocities. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Duct velocities of ductwork serving screens S8, S12 and S13 shall be maintained at no less than 3,900 ft/min. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Jamac fabric collector, DC-2 shall ventilate 25,800 cfm from screenhouse. [District NSR Rule] Federally Enforceable Through Title V Permit
15. There shall be no visible emissions greater than 5% opacity at any screenhouse ventilation point. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Product in packaging room storage tanks shall not be cleaned (i.e., 25 hp Sutorbuilt Blower will not operate) unless it contains more than 2% fines (less than 40 mesh particles). [District NSR Rule] Federally Enforceable Through Title V Permit
17. Only one packaging tank shall be cleaned at a time. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Vacuum system for reprocessing of product will only handle milled and screened final product (cat litter). [District NSR Rule] Federally Enforceable Through Title V Permit
19. Maximum emission rate of particulate matter 10 microns and smaller (PM10) from Jamac fabric collector shall not exceed 2.55 lb/hr. [District NSR Rule and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
20. Maximum emission rate of PM10 from Venturi Scrubber #2 shall not exceed 7.37 lb/hr. [District NSR Rule, and District Rules 4202, 4.0 and 4301, 5.2] Federally Enforceable Through Title V Permit
21. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in fluidized bed dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Sulfur content of propane shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Emissions for NO<sub>x</sub> and CO shall be uncorrected if the measured oxygen exhaust concentration exceeds 19.0% by volume or shall be corrected to 19.0% by volume for units operating at measured O<sub>2</sub> concentrations of 19.0 % by volume or less. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
24. Except during startup and shutdown emissions rates for combustion of natural gas in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.049 lb/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 40 ppmvd CO @ 19% O<sub>2</sub> or 0.280 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
25. Except during startup and shutdown emissions rates for combustion of propane in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.049 lb/MMBtu, 0.0164 lb-SO<sub>x</sub>/MMBtu, 40 ppmvd CO @ 19% O<sub>2</sub> or 0.280 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
26. Total duration of startup shall not exceed 1 hr/day. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
27. Total duration of shutdown shall not exceed 1 hr/day. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
28. Daily records of start-up and shutdown durations and number of occurrences of each shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
29. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
30. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] 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.

31. Dust collection systems shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
32. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.1 and 40 CFR 64] Federally Enforceable Through Title V Permit
33. Scrubber pressure differential shall be observed and recorded at least daily during operation of the unit. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
34. If scrubber pressure differential is not within the proper range, corrective action shall be taken. Corrective action shall include inspecting scrubber and performing any necessary repairs. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
35. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. 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 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
36. If either the NO<sub>x</sub> or CO concentrations corrected to 19% O<sub>2</sub>, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 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 performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
37. All alternate monitoring parameter 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 analyzer 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 (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
38. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
39. Records of scrubber pressure differential observations shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
40. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
41. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
42. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] 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.

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. Fluidized bed dryer shall be tested for compliance with the NO<sub>x</sub> and CO emissions limits within 60 days of startup and once every 24 months thereafter. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
46. NO<sub>x</sub> 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. NO<sub>x</sub> emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
47. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. CO emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
48. Stack gas oxygen shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
49. PM<sub>10</sub> emissions from Jamac Fabric Collector DC 2 and venturi scrubber SV2 shall be source tested annually using CARB Method 5, EPA Method 5 (front half), EPA Method 201A in combination with EPA Method 202, or any combination of these methods. Annual source tests shall be conducted at least 6 months after the previous annual source test but not more than 18 months after the previous annual source test. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
50. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
51. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
52. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
53. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
54. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
55. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] 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:** S-1234-3-8

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28   **TOWNSHIP:** 32S   **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

ROTARY DRYER WITH 25 MMBTU/HR GAS-FIRED BURNER ASSEMBLY

### **PERMIT UNIT REQUIREMENTS**

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1. No modification to this unit shall be performed without an Authority to Construct for such modifications, except for changes specified in the conditions below. [District Rule 2010] Federally Enforceable Through Title V Permit
2. Upon seven days prior written notice to the District, this unit may be designated as a dormant emissions unit or an active emissions unit. [District Rule 2080] Federally Enforceable Through Title V Permit
3. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080] Federally Enforceable Through Title V Permit
4. While dormant, normal source testing and monitoring shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
5. Upon recommencing operation of this unit, normal source testing and monitoring shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
6. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080] Federally Enforceable Through Title V Permit
7. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
8. Process weight rate of dryer #2 shall not exceed 10.5 tons per hour. [District NSR Rule and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
9. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in dryer #2. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Sulfur content of propane shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Emissions from this permit unit shall not exceed any of the following limits: 3.50 lbm-NO<sub>x</sub> per hour; 0.075 lbm-VOC per hour; 0.425 lbm-CO per hour. [District NSR Rule and District Rule 4301, 5.2] Federally Enforceable Through Title V Permit
12. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
13. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
15. The permittee shall maintain accurate records of hourly process weight. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
17. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
18. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
19. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
20. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] 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:** S-1234-4-15

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28   **TOWNSHIP:** 32S   **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

BAGGING & PACKAGING OPERATION; INCLUDING MAXIMUM OF 5 TRANSFER CONVEYORS, 3 ELEVATORS, 7 BAGGING UNITS AND 7 STORAGE SILOS T8-T14

### **PERMIT UNIT REQUIREMENTS**

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1. Visible emissions from Mikro-Pulsaire fabric filter dust collector and Standard Havens fabric filter dust collectors serving bagging and packaging operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Visible emissions from any source operation associated with the permit unit shall not exceed 5% opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include ductwork connecting storage silos to Mikro-Pulsaire, Model 1305-8-20, fabric filter dust collector with 15 hp blower. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Operation shall include ductwork connecting bagging operations to Standard Havens Alpha/Mark I 100 hp fabric filter dust collection unit. [District NSR Rule] Federally Enforceable Through Title V Permit
5. All conveyors and elevators shall be enclosed and vented to a fabric filter dust collector. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Operation shall include ductwork from tanks T8 - T14 to product receiver tank equipped with cyclone and baghouse. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operation shall include a maximum of one 30 hp positive displacement blower. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Conveyors C-13 and C-14 shall transfer product from deduster units #D1 and D2 (#S-1234-21) to existing bucket elevators #E-12 and E-13. [District NSR Rule] Federally Enforceable Through Title V Permit
9. All ventilation ductwork shall have capped pitot ports for measuring internal velocities. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Mikro-Pulsaire fabric filter dust collector shall be equipped with 130 4-1/2 in. dia. x 8 ft. long dacron HCE filter bags. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Dust collected in fabric filter dust collectors shall be pneumatically transported to storage prior to truck loadout. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Vacuum system for reprocessing of product shall only handle milled and screened final product. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Material removed from fabric filter dust collectors shall be handled and disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
14. All filters shall be maintained in good working order. [District NSR Rule] 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.

15. Particulate matter (PM10) emissions from Mikro-Pulsaire fabric filter dust collector shall not exceed 0.0089 gr/scf. [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
16. Ventilation system flowrate into Mikro-Pulsaire fabric collector shall not exceed 4,900 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Particulate matter (PM10) emissions from Standard Havens fabric filter dust collector shall not exceed 0.0081 gr/scf. [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
18. Ventilation system flowrate into Standard Havens fabric filter dust collector shall not exceed 24,600 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
19. If visible emissions from the dust collectors equal or exceed 5% opacity, then PM10 emissions from the dust collectors shall be source tested to demonstrate compliance with emissions limits within 30 days of detecting excess visible emissions. Sample collection shall be District-witnessed and shall be performed by an independent laboratory. [District NSR Rule] Federally Enforceable Through Title V Permit
20. 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
21. Official source test results and field data shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
22. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
23. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
24. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
25. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.1 and 40 CFR 64] Federally Enforceable Through Title V Permit
26. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
28. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
29. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-6-11

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**  
MATERIAL RECLAIM SYSTEM

### **PERMIT UNIT REQUIREMENTS**

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1. Primary processing line shall include the following equipment: pneumatic conveying system to transfer screening waste fines to waste storage silo, elevator, mechanical air separator, tailings silo, fines silo, and under-silo conveyor to bulk loadout conveyor. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Secondary processing line shall include the following equipment: 50 ton product storage tank, material elevator, and two "Series 80" Rotex screens. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include provisions for the transfer of waste fines from the existing waste storage silo and tailings silo through the secondary material elevator for processing in the "Series 80" Rotex screens. [District NSR Rule] Federally Enforceable Through Title V Permit
4. All equipment except the mechanical air separator, waste storage silo, and tailings silo shall be vented to the custom fabricated fabric collector with 50 hp exhaust fan. [District NSR Rule] Federally Enforceable Through Title V Permit
5. All conveyors and elevators shall be enclosed and vented to a fabric filter dust collector. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Visible emissions from Custom Fabricated dust collector shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The custom fabricated fabric collector shall be equipped with an operational differential pressure indicator, and during fabric collector operation read in the proper range specified by the manufacturer. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Fabric collector shall be maintained with a minimum filter area of 3,769 sq. ft. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Dust collected in Fabric Collector shall be conveyed to storage silo for truck load-out. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Each duct shall be equipped with accessible capped pitot port. [District Rule 1081] Federally Enforceable Through Title V Permit
11. Fabric collector exhaust stack shall be equipped with adequate provisions for stack sampling. [District Rule 1081] Federally Enforceable Through Title V Permit
12. Particulate matter (PM10) emissions from Custom Fabricated dust collector shall not exceed 0.00405 grain/dscf. [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
13. Ventilation system flowrate into Custom Fabricated dust collector shall not exceed 11,750 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Fabric collector shall operate whenever process equipment is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
15. All filters shall be properly maintained and must be in place during the operation of process equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Material removed from dust collectors shall be handled and disposed of in a manner preventing entrainment into the atmosphere (less than 5% opacity). [District NSR Rule] Federally Enforceable Through Title V Permit
17. The waste storage silo and tailings silo shall each be equipped with bin vent fabric filters. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Visible emissions from any source operation associated with the permit unit shall not exceed 5% opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
19. If visible emissions from the dust collectors equal or exceed 5% opacity, then PM<sub>10</sub> emissions from the dust collectors shall be source tested to demonstrate compliance with emissions limits within 30 days of detecting excess visible emissions. Sample collection shall be District-witnessed and shall be performed by an independent laboratory. [District NSR Rule] Federally Enforceable Through Title V Permit
20. 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
21. Official source test results and field data shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
22. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
23. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
24. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
25. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.1 and 40 CFR 64] Federally Enforceable Through Title V Permit
26. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
28. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
29. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] 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.

30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-8-6

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

SCREENING, BAGGING, AND RAILCAR LOADOUT OPERATION

### **PERMIT UNIT REQUIREMENTS**

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1. Screening operation shall include a maximum of one Rotex, model #82, dust-tight screener with 40 in. x 120 in. screen driven by a 3 hp motor. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Operation shall include a maximum of one 18 inch wide x 18 ft. long dust-tight belt conveyor covered with rubber sheeting. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include a maximum of one 18 inch wide x 125 ft. long dust-tight belt conveyor covered with rubber sheeting. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Operation shall include a maximum of one dust-tight Universal, model #U3-1250, bucket elevator with 7.5 hp motor and 1250 cubic feet per hour capacity. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Operation shall include a maximum of one dust-tight storage tank measuring 8 ft. x 8 ft. x 21 ft. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Operation shall include a maximum of two St. Regis valve packers with integral dust collection capability. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Operation shall include a maximum of one dust-tight storage tank measuring 12 ft. x 37 ft. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Operation shall include a pneumatic conveying system to transport collected dust to dust collectors. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Operation shall include a maximum of one dust-tight railcar loadout with dust pickup point. [District NSR Rule] Federally Enforceable Through Title V Permit
10. All equipment or systems installed or used to achieve compliance with the terms and conditions of this Permit to Operate shall be maintained in good working order and be operated as efficiently as possible to minimize air contaminant emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Material removed from dust collectors shall be handled in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
12. All filters shall be maintained in good working order. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Universal U#-1250 bucket elevator shall maintain a minimum ventilation rate of 350 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Railcar loadout and tank T7 cleaning operation shall not operate simultaneously. [District NSR Rule] 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.

15. Railcar loadout dust pick up vent shall be closed whenever tank T7 cleaning operation is conducted. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Tank cleaning operation shall maintain a minimum ventilation rate of 1400 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Particulate matter (PM-10) emissions for permit unit shall not exceed 0.0165 lb per ton of material processed. [District NSR Rule and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
18. Production at this operation shall not exceed 960 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
19. The permittee shall maintain accurate records of daily process weight. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
20. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
21. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
22. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
23. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.1 and 40 CFR 64] Federally Enforceable Through Title V Permit
24. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
25. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
26. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-12-3

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

FINES TRUCK LOADOUT OPERATION INCLUDING RETRACTABLE, COAXIAL, TRUCK LOADOUT SPOUT VENTED TO ULTRA REVERSE-PULSE FABRIC COLLECTOR SHARED WITH S-1234-1, '-2 AND '-3

### **PERMIT UNIT REQUIREMENTS**

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1. Fabric collector shall operate whenever trucks are being loaded. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Ventilation system shall be adjusted and maintained to prevent visible emissions from loadout spout, trucks, and fines silo listed on PTO #S-1234-1. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
4. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
5. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
6. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
7. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
8. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
9. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
10. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-13-10

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS RECEIVING & STORAGE OPERATION

### **PERMIT UNIT REQUIREMENTS**

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1. Operation shall include 20,550 cubic foot capacity raw ore storage silo #102 with Rees 29S wheel fan. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Operation shall include the following equipment shared with PTO #S-1234-20: hopper #101, belt conveyor #101, elevator #101, belt conveyor #102, belt conveyor #103, and #101 fabric collector, model 100S-2-20 with 7.5 hp motor. [District Rule 2201] Federally Enforceable Through Title V Permit
3. No more than 600 tons of material shall be received on any day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Minimum exhaust duct velocity shall be maintained at 3,840 fpm. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Fabric collector #101 shall be operated whenever storage silos are in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
6. There shall be no detectable emissions except at truck receiving hopper and fabric collector #101. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Particulate matter emissions from belt conveyors and silo vent exhaust shall not exceed 0.058 grams/dscm. [District Rule 2201 and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
8. Operation of all equipment included with this permit unit shall not exceed 24 hours on any day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Fugitive particulate matter emissions from truck receiving hopper shall not exceed 2.50 lbm per hour. [District Rule 2201 and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
10. Particulate matter emissions from fabric collector #101 shall not exceed 0.34 lbm per hour. [District Rule 2201 and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
11. PM10 emissions from S-1234-13, 20 and '21 shall not exceed 23,632 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Accurate daily records of the amount & type of material received and the daily hours of operation shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 2201 and District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
13. If fabric collector exhibits visible emissions, then PM10 emissions from fabric collectors shall be tested to demonstrate compliance with emissions limits. Sample collection shall be District-witnessed and testing shall be by an independent laboratory. [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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



14. 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
15. The results of each source test, including field data and official test results, shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
16. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, 3.0 and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
17. Except from truck dumping, owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
18. Visible emissions from dust collector #101 shall not exceed 7% opacity. [40 CFR 60.672(f)] Federally Enforceable Through Title V Permit
19. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
20. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
21. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
22. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
23. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
24. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
25. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
26. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] 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.

27. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
28. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
29. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
30. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
31. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
32. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
33. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-14-15

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS DRYING OPERATION WITH FLUIDIZED BED DRYER WITH 32 MMBTU/HR COEN NATURAL GAS/LPG-FIRED BURNER, SERVED BY CYCLONE (#101) AND FABRIC COLLECTOR (#102)

### **PERMIT UNIT REQUIREMENTS**

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1. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Permittee shall submit written notification to the District upon designating the unit as dormant or active. [District Rule 2080] Federally Enforceable Through Title V Permit
3. While dormant, normal source testing shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
4. Upon recommencing operation of this unit, normal source testing shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
5. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080] Federally Enforceable Through Title V Permit
6. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
7. 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]
8. Operation shall include fabric collector #102 serving fluid-bed dryer #101 and cyclone #101. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Total heat input to burner shall not exceed 640 MMBtu/day regardless of fuel burned. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Exhaust duct flowrate to fabric collector #102 shall be maintained at no more than 28,000 scfm. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Particulate matter (as PM10) emissions from fabric collector #102 shall not exceed 2.14 lb/hour. [District NSR Rule and District Rules 4202, 4.0 and 4301, 5.2] Federally Enforceable Through Title V Permit
12. Stack particulate matter (as PM10) concentration from fabric collector #102 shall not exceed 0.0089 grains/dscf (BACT requirement). [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
13. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in fluidized bed dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Sulfur content of propane shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

15. Emissions for NO<sub>x</sub> and CO shall be uncorrected if the measured oxygen exhaust concentration exceeds 19.0% by volume or shall be corrected to 19.0% by volume for units operating at measured O<sub>2</sub> concentrations of 19.0 % by volume or less. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
16. Except during startup and shutdown emissions rates for combustion of natural gas in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.049 lb/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 40 ppmvd CO @ 19% O<sub>2</sub> or 0.280 lb-CO/MMBtu, or 0.09 lb/hr VOC. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
17. Except during startup and shutdown emissions rates for combustion of propane in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.049 lb/MMBtu, 0.0164 lb-SO<sub>x</sub>/MMBtu, 40 ppmvd CO @ 19% O<sub>2</sub> or 0.280 lb-CO/MMBtu, or 0.09 lb/hr VOC. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
18. Total duration of startup shall not exceed 1 hr/day. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
19. Total duration of shutdown shall not exceed 1 hr/day. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
20. Daily records of start-up and shutdown durations and number of occurrences of each shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Dust collection equipment shall be in operation when process equipment is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Flue gas temperature shall be maintained at all times so as to eliminate condensation in fabric collector and to not exceed bag material temperature limit. [District NSR Rule] Federally Enforceable Through Title V Permit
23. Fluidized bed dryer shall have no fugitive emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
24. Material removed from fabric dust collector #102 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 4102]
25. Visible emissions at fabric dust collectors #102 shall not exceed 7% opacity. [40 CFR 60.672(a) and 60.672(f)] Federally Enforceable Through Title V Permit
26. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
27. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
28. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. 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 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] 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.

29. If either the NO<sub>x</sub> or CO concentrations corrected to 19% O<sub>2</sub>, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 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 performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
30. All alternate monitoring parameter 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 analyzer 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 (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
31. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
32. 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
33. 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
34. Fluidized bed dryer shall be tested for compliance with the NO<sub>x</sub> and CO emissions limits once every 24 months. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
35. NO<sub>x</sub> 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. NO<sub>x</sub> emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
36. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. CO emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
37. Stack gas oxygen shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
38. Permittee shall maintain accurate daily records of the type and amount of fuel used and the daily hours of operation and make such records readily available for District inspection upon request. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
39. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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.

41. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
42. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
43. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
45. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] 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:** S-1234-15-13

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AG CHEMICALS/MINERALS SCREENING, MILLING AND STORAGE OPERATION INCLUDING CONVEYORS 101, 107, & 110, ELEVATORS 104 & 107, SCREENS 105 & 106, TANK 108, DEDUSTER 102, FABRIC COLLECTORS 103 & 108, & TRANSFER PIPE FROM SCREEN 105 TO S-1234-22

### **PERMIT UNIT REQUIREMENTS**

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1. Product transfer pipe from Rotex screen #105 to permit unit S-1234-22, cat litter painting operation, shall be fully enclosed. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Conveyors #101, 107 and 110, bucket elevators #104 & 107, roll mills #104 & #105, Rotex screens #105 & 106, and product storage tank #108 shall vent to Poly Pulse, model #1100-D-65, fabric collector #103 shared with units S-1234-16, '-17, and '-19. Deduster #102 shall vent to fabric collector #108. Roll mill #107 shall vent to fabric collector #105 shared with S-1234-14. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Exhaust duct flowrate into fabric dust collector #103 shall not exceed 26,642 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Material removed from fabric dust collectors #103 and #108 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 4102]
5. Particulate matter emissions from fabric dust collector #103 shall not exceed 0.01 grains/dscf. [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
6. Exhaust duct flowrate into fabric dust collector #108 serving deduster #102 shall not exceed 7000 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Particulate matter emissions from fabric dust collector #108 shall not exceed 0.004 grains/dscf. [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
8. Particulate matter emissions from fabric collector #103 shall not exceed 2.28 lbm per hour (including combined emissions from permit unit #'s S-1234-15, '-16, '-17, and '-19. [District NSR Rule and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
9. Exhaust ductwork shall have capped pitot ports for measurement of internal gas velocities. [District Rule 1081] Federally Enforceable Through Title V Permit
10. Dust collection equipment shall be in operation when process equipment is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Totally enclosed belt conveyor shall have no fugitive emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Fabric collector filter bags shall be maintained in good working order at all times, and shall have no tears, rips or holes. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart 000 "Standards of Performance of Non-Metallic Mineral Processing Plants." [District Rule 4001 & 40 CFR 60 Subpart 000] Federally Enforceable Through Title V Permit
14. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, 3.0 and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
15. Visible emissions at fabric dust collectors #103 and #108 shall not exceed 7% opacity. [40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
16. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
17. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
18. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
19. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
20. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
21. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
22. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
23. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
24. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
25. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] 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.



26. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
28. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
29. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
31. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-16-6

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS SCREENING, MILLING & STORAGE OPERATION (MIDDLE LINE) INCLUDING ROTEX SCREENS #103, #104, AND #108, ROLL MILL #103, ENCLOSED CONVEYOR #116, AND TANK #107 RECEIVING MATERIAL FROM ELEVATOR #107 LISTED ON PTO #S-1234-15.

### **PERMIT UNIT REQUIREMENTS**

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1. Visible emissions from any source operation, including any dust collector, associated with this permit unit shall not exceed 5% opacity. [District NSR Rule and 40 CFR 60.672(a) and 60.672(f)] Federally Enforceable Through Title V Permit
2. All conveyors and elevators shall be enclosed and vented to a fabric filter dust collector. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Fabric collector #103 (shared with units S-1234-15, '-17, and '-19) shall operate whenever this permit unit is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Particulate matter emissions from this permit unit are included with emissions limit listed on PTO #S-1234-15 for fabric collector #103. [District NSR Rule] Federally Enforceable Through Title V Permit
5. If visible emissions from the dust collectors equal or exceed 5% opacity, then PM10 emissions from the dust collectors shall be source tested to demonstrate compliance with emissions limits within 30 days of detecting excess visible emissions. Sample collection shall be District-witnessed and shall be performed by an independent laboratory. [District NSR Rule] Federally Enforceable Through Title V Permit
6. 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
7. Official results of each source test and field data shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
8. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart 000 "Standards of Performance of Non-Metallic Mineral Processing Plants." [District Rule 4001 & 40 CFR 60 Subpart 000] Federally Enforceable Through Title V Permit
9. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, 3.0 and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
10. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
12. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
13. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
14. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
15. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
16. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
17. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
18. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
19. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
20. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
21. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
22. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
23. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
24. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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.

25. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-17-8

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AG/CHEM MINERALS SCREENING, MILLING AND STORAGE OPERATION(SOUTH LINE) INCLUDING CONVEYORS 106, 108, & 109, ROTEX SCREENS 101, 102, & 107, ROLL MILLS 101 & 102, TANKS 105 & 106, DEDUSTER 103 AND FABRIC COLLECTOR 107 SHARED WITH S-1234-22

## **PERMIT UNIT REQUIREMENTS**

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1. Material removed from fabric dust collector #107 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 4102]
2. Deduster #101 shall be vented to fabric dust collector #107. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Exhaust duct flowrate into baghouse #107 serving deduster #101 shall not exceed 4200 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
4. All belt conveyors, bucket elevators, Rotex screens, roll mills, the product tank (#106) and the wash tank (#106) shall be vented exclusively to fabric dust collector #103 shared with S-1234-15, '-16, and '-19. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Fabric dust collectors #103 (shared with S-1234-15, '-16, and '-19) and #107 shall operate whenever this equipment operates. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Fabric dust collector #107 shall be shared with permit S-1234-22. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Fabric dust collector #107 is authorized to serve deduster #101 and permit unit S-1234-22 simultaneously. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Particulate matter emissions from fabric dust collector #107 shall not exceed 0.004 grains/dscf. [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
9. Ventilation system pickups shall be placed at all material transfer points in such a manner as to eliminate dust emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
10. All exhaust ductwork shall be supported so as to eliminate bending or kinking of exhaust ductwork. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Exhaust ductwork shall have capped pitot ports for measurement of internal gas velocities. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Branch entries to main exhaust duct shall be at no less than 45 degree angle. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Fabric collector filter bags shall be maintained in good working order at all times, and shall have no tears, rips or holes. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart 000 "Standards of Performance of Non-Metallic Mineral Processing Plants." [District Rule 4001 & 40 CFR 60 Subpart 000] Federally Enforceable Through Title V Permit
15. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, 3.0 and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
16. Visible emissions from fabric dust collectors #103 and #107 shall not exceed 7% opacity. [40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
17. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
18. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
19. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
20. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
21. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
22. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
23. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
24. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each quarter the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2] Federally Enforceable Through Title V Permit
25. Dust collection system shall be inspected at least annually when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
26. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] 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.

27. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-18-19

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS PROCESSING OPERATION

### **PERMIT UNIT REQUIREMENTS**

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1. Operation shall include one custom fabric collector #104 serving the following equipment: two belt conveyors, three accumulation gravity roller conveyors, one Spee-Dee 4 cup volume filler with 1/3 hp TEFC drive motor, six 12' Dia. x 32' Ht. product feed tanks, six St. Regis valve packers (bagging machines), one Jug/Bottle filler and one Parson's bagger (paper). [District NSR Rule] Federally Enforceable Through Title V Permit
2. Operation shall include three belt conveyors, one fully enclosed belt vibrating conveyor, three elevators served by fabric collector #103 (part of S-1234-15). [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include dust collector #106 equipped with 72-6" dia. x 120" polyester bags and 15 hp blower serving the following equipment: carrier vibrating conveyor 114A and a totally enclosed custom conveyor with holding bin, 1 hp, 12 in. wide x 12 ft. long conveyor belt; two covered hoppers; two enclosed feeders, two 1 hp Parson bag packers/bottlers; belt conveyors #1 and #3; one transfer elevator and conveyor (outside building); and one 12 ft dia. by 33 ft high storage tank. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Operation shall include 2 hp enclosed Munson mixer; 1 hp, 12 in. wide x 12 ft. long conveyor belt; two K-Tron enclosed weigh belts; two covered gum hoppers; two enclosed gum feeders; and two 1 hp Parson bag packer/bottlers. [District NSR Rule] Federally Enforceable Through Title V Permit
5. All conveyors and elevators shall be enclosed and vented to a fabric filter dust collector. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Visible emissions from Dust collector #104 and #106 shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Fabric collectors shall be equipped with reverse pulse jet bag cleaning system. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Ventilation system dust pickups shall be placed at all material transfer points in a manner eliminating visible emissions greater than 5% opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Each ventilation system duct shall have capped pitot port for measurement of gas velocity. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Branch entries to main ducts shall be at no more than a 45 degree angle. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Fabric collectors shall be equipped with operational differential pressure indicators, and during fabric collector operation read in the proper range specified by the manufacturer. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Dust collection equipment shall be in operation whenever process equipment is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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



13. Collected dust shall be disposed of in a manner eliminating visible emissions greater than 5% opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Particulate matter (PM<sub>10</sub>) emissions from fabric dust collector #104 shall not exceed 0.00833 grain/dscf. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Ventilation system flowrate into fabric dust collector #104 shall not exceed 18,950 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Baghouse #106 shall maintain a collection efficiency of at least 99%. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Particulate matter (PM<sub>10</sub>) emissions from fabric dust collector #106 shall not exceed 0.01 grain/dscf. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Ventilation system flowrate into fabric dust collector #106 shall not exceed 6,750 cfm. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Visible emissions from the dust collectors shall be inspected monthly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
20. If visible emissions equal or exceed 5% opacity, then compliance with fabric collector PM<sub>10</sub> emission limits shall be demonstrated by District-witnessed sample collection by an independent testing laboratory within 30 days of detecting excess visible emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
21. 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
22. Official test results and field data shall be submitted to the District within 60 days after collection. [District Rule 1081] Federally Enforceable Through Title V Permit
23. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
24. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
25. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
26. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
27. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
28. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
29. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] 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.

30. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
31. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-19-5

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS BULK LOADOUT OPERATION

### **PERMIT UNIT REQUIREMENTS**

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1. Operation shall include two belt conveyors (#'s 111 & 112), DCL coaxial loading spout, model #OV-24-12, with 3/4 hp drive motor ventilated to fabric collector #103 shared with units S-1234-15, '-16, and '-17. [District Rule 2010] Federally Enforceable Through Title V Permit
2. Operation shall include fully enclosed waste auger conveyor #101 delivery from waste tank to DCL coaxial loading spout listed in condition (2). [District Rule 2010] Federally Enforceable Through Title V Permit
3. Only closed trucks w/ fill opening compatible w/ coaxial load spout adaptor shall be loaded or loadout port shall be equipped w/ automatic height controls maintaining contact between outer sleeve skirt and vehicle floor or stack of loaded material. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Fabric collector #103 (shared with units S-1234-15, '-16, and '-17) shall operate whenever equipment associated with this permit unit is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
5. There shall be no detectable fugitive emissions from bulk loading equipment, loading spout or truck during transfer of materials. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Operation of this permit unit shall not exceed 20 hours per day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Particulate matter emissions from this permit unit are included with emissions for fabric collector #103 shared with units S-1234-15, '-16, and '-17. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Permittee shall maintain accurate records of daily amount of material processed and daily hours of operation and shall make such records readily available for District inspection upon request. [District NSR Rule and District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
9. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart OOO "Standards of Performance of Non-Metallic Mineral Processing Plants." [District Rule 4001 & 40 CFR 60 Subpart OOO] Federally Enforceable Through Title V Permit
10. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, 3.0 and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
11. Visible emissions from fabric dust collector #103 shall not exceed 7% opacity. [40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
12. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
14. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
15. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
16. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
17. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
18. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
19. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least annually during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2] Federally Enforceable Through Title V Permit
20. Dust collection systems shall be inspected at least annually when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
22. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
23. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
24. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-20-5

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28 **TOWNSHIP:** 32S **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS RECEIVING & STORAGE OPERATION

### **PERMIT UNIT REQUIREMENTS**

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1. Operation shall include the following equipment shared with PTO #S-1234-0013: hopper #101, belt conveyors #'s 101-103, 24 in. x 58 in. x 88 ft. elevator #101, and model #1005-2-20 fabric collector #101. [District Rule 2010] Federally Enforceable Through Title V Permit
2. Operation shall include 20,550 cubic ft. raw ore storage silo #101. [District Rule 2010] Federally Enforceable Through Title V Permit
3. No more than 600 tons of material shall be received per day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Minimum exhaust duct velocity shall be maintained at 3839 fpm. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Fabric collector #101 shall operate whenever process equipment is in operation. [District Rule 2201] Federally Enforceable Through Title V Permit
6. There shall be no detectable emissions except at truck receiving hopper and fabric collector #101. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Operation of this equipment shall not exceed 24 hours per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emissions from S-1234-13, 20 and '21 shall not exceed 23,632 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Particulate matter emissions from this permit unit are included with emissions for fabric collector #101 shared with unit #S-1234-13. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Accurate daily records of the amount & type of material received and the daily hours of operation shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 2201 and District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
11. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, 3.0 and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
12. Except from truck dumping, owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
13. Visible emissions from fabric collector #101 shall not exceed 7% opacity. [40 CFR 60.672(f)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
15. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
16. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
17. When determining compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
18. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
19. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
20. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
21. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
22. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
23. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
24. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
25. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
26. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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.

28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-21-8

**EXPIRATION DATE:** 03/31/2021

**SECTION:** 28    **TOWNSHIP:** 32S    **RANGE:** 24E

**EQUIPMENT DESCRIPTION:**

PRODUCT DE-DUSTING SYSTEM INCLUDING DEDUSTERS, ADDITIVE BIN, BUCKET ELEVATORS, CONVEYORS AND A DUST COLLECTOR

## **PERMIT UNIT REQUIREMENTS**

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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 dark or darker than Ringelmann 1/2 or equivalent to 10% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Additive shall be received in bags and hand dumped into 64 cu.ft. bin with visible emissions less than 10% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operation shall include: two 20 hp deduster units #D1 and D2, one 5 hp bucket elevator #E18, and two 3 hp conveyors #C20 and C21. [District Rule 2010] Federally Enforceable Through Title V Permit
4. Operation shall include: one additive bin with one 2 hp bucket elevator #E19, and one Ultra Industries, model ND-300, dust collector #DC5 equipped with 50 hp blower. [District Rule 2010] Federally Enforceable Through Title V Permit
5. All material transfer points approved shall be enclosed. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Deduster units #D1 and D2 shall be enclosed and vented exclusively to dust collector #DC5. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Total weight of all materials introduced into this permit unit shall not exceed 1,500 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emission rate for permit unit shall not exceed 0.0163 lb-PM10 per ton of material processed. [District Rule 2201 and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
9. PM10 emissions from S-1234-13, 20 and '21 shall not exceed 23,632 lb/year. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Dust collector #DC5 shall be maintained with a minimum filter area of 4,590 sq. ft. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Material removed from dust collector #DC5 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall keep accurate records of material processed on a daily basis, and shall make such records readily available for District inspection for a period of at least five years. [District Rule 2201 and District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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



14. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2; 4201, 3.0; and 40 CFR 64] Federally Enforceable Through Title V Permit
15. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
16. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
17. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
18. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
19. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
20. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
21. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-22-8

**EXPIRATION DATE:** 03/31/2021

**EQUIPMENT DESCRIPTION:**

CAT LITTER PAINTING OPERATION INCLUDING: ONE BUCKET ELEVATOR, ONE PAINT MIXER, ONE 0.4 MMBTU/HR NATURAL GAS FIRED DRYER, ONE EXHAUST FAN, AND ONE CONVEYOR

### **PERMIT UNIT REQUIREMENTS**

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1. The enclosed chute from permit S-1234-15, bucket elevator, loading of the unpainted cat litter, and emissions from the screen/mixer shall be enclosed and vented to baghouse #107 shared with permit unit S-1234-17. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Material introduced to the dryer shall not exceed 24 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Paint usage shall not exceed 240 gallons per day and 25,043 gallons per year. [District NSR Rule] Federally Enforceable Through Title V Permit
4. VOC content of paint shall not exceed 0.69 pound per gallon. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Sulfur content of natural gas shall not exceed 1.0 gr S/100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Sulfur content of LPG shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Dryer emissions shall not exceed: NO<sub>x</sub> - 100.0 lb/MMscf; VOC - 5.3 lb MMscf; PM<sub>10</sub> - 12.0 lb/MMscf; and CO - 21.0 lb/MMscf. [District NSR Rule and District Rule 4301, 5.2] Federally Enforceable Through Title V Permit
9. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, 3.0 and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
10. Visible emissions from fabric dust collector #107 shall not exceed 7% opacity. [40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
11. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
12. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
14. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
15. When testing for compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply: (i) There are no individual readings greater than 10 percent opacity; and (ii) There are no more than 3 readings of 10 percent for the 1-hour period. [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
16. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
17. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
18. Permittee shall keep accurate records of material processed, paint usage on a daily basis, and VOC content of paint. Records shall be made readily available for District inspection for a period of at least five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
19. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
21. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
22. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
23. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
24. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
25. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] 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:** S-1234-26-5

**EXPIRATION DATE:** 03/31/2021

**EQUIPMENT DESCRIPTION:**

CLEANING/MILLING OPERATION #2 INCLUDING TWO BELT CONVEYORS, TWO FEED ELEVATORS AND SHARED FABRIC COLLECTOR

### **PERMIT UNIT REQUIREMENTS**

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1. Universal vibrating screen shall vent to venturi scrubber #1. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Feed elevators and enclosed screen shall be ventilated to Ultra reverse pulse fabric collector (shared with S-1234-1, '-2, and '-12). [District NSR Rule] Federally Enforceable Through Title V Permit
3. Unloading spillage shall be minimized to prevent fugitive dust emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Scrubber H2O supply shall have operational pressure gauge with pressure differential maintained above 8.5 inches W.C. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Particulate matter concentration at scrubber exhaust shall not exceed 0.027 grains/scf. [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
6. Ultra reverse pulse fabric collector (shared with S-1234-1, '-2, and '-12) shall operate whenever process equipment is operated. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Ventilation system serving feed conveying, elevating, screening and milling equipment shall be adjusted and maintained to prevent visible emissions from the ventilated equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Fines from screen shall be conveyed via closed system only to fines silo listed on PTO #S-1234-1. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Particulate matter (PM10) emissions from this permit unit shall not exceed 5.32 lb per hour. [District NSR Rule and District Rules 4301, 5.2 and 4202, 4.0] Federally Enforceable Through Title V Permit
10. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
11. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
12. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.1 and 40 CFR 64] Federally Enforceable Through Title V Permit
14. Scrubber pressure differential shall be observed and recorded at least daily during operation of the unit. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
15. If scrubber pressure differential is not within the proper range, corrective action shall be taken. Corrective action shall include inspecting scrubber and performing any necessary repairs. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
16. Records of scrubber pressure differential observations shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
17. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
18. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
19. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
20. PM10 emissions from Ultra reverse pulse fabric collector and venturi scrubber #1 shall be source tested annually using CARB Method 5, EPA Method 5 (front half), EPA Method 201A in combination with EPA Method 202, or any combination of these methods. Annual source tests shall be conducted at least 6 months after the previous annual source test but not more than 18 months after the previous annual source test. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. 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
22. 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
23. The permittee shall maintain accurate records of hourly process weight. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
24. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
25. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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:** S-1234-27-1

**EXPIRATION DATE:** 03/31/2021

**EQUIPMENT DESCRIPTION:**

AGRICULTURAL CHEMICALS/MINERALS PROCESSING AND STORAGE OPERATION WITH ROLL MILL AND SCREEN, TWO CONVEYORS (#104 AND #105) ELEVATOR (#102) AND TWO TANKS (#103 AND #104) SERVED BY DUST COLLECTOR (#105)

### **PERMIT UNIT REQUIREMENTS**

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1. 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]
2. Operation shall include two 5 hp belt conveyors #'s 104 & 105, one roll mill #101, elevator #102, one screen, and two dried feed tanks #'s 103 & 104. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Operation shall include U.S. Air Filtration, model 99, fabric collector #105, with 15 hp blower motor serving roll mill, screen, conveyor #105, elevator #102, ore storage tanks #103 and #104, and roll mill #107 listed on permit S-1234-15. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Exhaust duct flowrate to fabric collector #105 shall be maintained at no more than 6,489 scfm. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Particulate matter (as PM10) emissions from fabric collector #105 shall not exceed 0.22 lb/hour. [District NSR Rule and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
6. Stack particulate matter (as PM10) concentration from fabric collector #105 shall not exceed 0.004 grains/dscf. [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
7. Dust collection equipment shall be in operation when process equipment is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Material removed from fabric dust collector #105 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 4102]
9. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart OOO "Standards of Performance of Non-Metallic Mineral Processing Plant." [District Rule 4001 and 40 CFR 60 Subpart OOO] Federally Enforceable Through Title V Permit
10. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
11. Visible emissions at fabric dust collector #105 shall not exceed 7% opacity. [40 CFR 60.672(a) and 60.672(f)] Federally Enforceable Through Title V Permit
12. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
14. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
15. When testing for compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply: (i) There are no individual readings greater than 10 percent opacity; and (ii) There are no more than 3 readings of 10 percent for the 1-hour period. [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
16. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
17. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E = 17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
18. Visible emissions from the dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
19. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
20. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
21. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
22. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
23. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
24. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
25. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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.

26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
29. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

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



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# ATTACHMENT C

Detailed Facility List

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Detailed Facility Report

For Facility=1234

Sorted by Facility Name and Permit Number

TAFT PRODUCTION CO 950 N PETROLEUM CLUB ROAD TAFT, CA	FAC #	S 1234	TYPE:	TitleV	EXPIRE ON:	03/31/2021
	STATUS:	A	TOXIC ID:	50082	AREA:	4 /
	TELEPHONE:	6617657194	INSP. DATE:			

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-1234-1-8	less than 400 total electric hp	3020-01 E	1	495.00	495.00	A	PRIMARY CRUSHING/SCREENING/CONVEYING & STORAGE OPERATION
S-1234-2-30	35 MMBtu/hr	3020-02 H	1	1,238.00	1,238.00	A	DRYING/MILLING/STORAGE OPERATION INCLUDING CONVEYORS, ELEVATORS SCREENS AND MILLS SERVED BY FABRIC FILTERS AND 35 MMBTU/HR NATURAL GAS/PROPANE-FIRED FLUIDIZED BED DRYER D1 WITH COEN BURNER SERVED BY VENTURI SCRUBBER WITH MIST ELIMINATOR
S-1234-3-8	25 MMBtu/hr	3020-02 H	1	1,238.00	1,238.00	A	ROTARY DRYER WITH 25 MMBTU/HR GAS-FIRED BURNER ASSEMBLY
S-1234-4-15	225 Total Electric hp	3020-01 E	1	495.00	495.00	A	BAGGING & PACKAGING OPERATION; INCLUDING MAXIMUM OF 5 TRANSFER CONVEYORS, 3 ELEVATORS, 7 BAGGING UNITS AND 7 STORAGE SILOS T8-T14
S-1234-6-11	112 Total Electric hp	3020-01 D	1	379.00	379.00	A	MATERIAL RECLAIM SYSTEM
S-1234-8-6	75 Total Electric hp	3020-01 C	1	239.00	239.00	A	SCREENING, BAGGING, AND RAILCAR LOADOUT OPERATION
S-1234-12-3	25 Total Electric hp	3020-01 A	1	107.00	107.00	A	FINES TRUCK LOADOUT OPERATION INCLUDING RETRACTABLE, COAXIAL, TRUCK LOADOUT SPOUT VENTED TO ULTRA REVERSE-PULSE FABRIC COLLECTOR SHARED WITH S-1234-1, -2 AND -3
S-1234-13-10	153,000 gallons	3020-05 E	1	296.00	296.00	A	AGRICULTURAL CHEMICALS/MINERALS RECEIVING & STORAGE OPERATION
S-1234-14-15	32 MMBtu/hr	3020-02 H	1	1,238.00	1,238.00	A	AGRICULTURAL CHEMICALS/MINERALS DRYING OPERATION WITH FLUIDIZED BED DRYER WITH 32 MMBTU/HR COEN NATURAL GAS/LPG-FIRED BURNER, SERVED BY CYCLONE (#101) AND FABRIC COLLECTOR (#102)
S-1234-15-13	155 Total Electric hp	3020-01 D	1	379.00	379.00	A	AG CHEMICALS/MINERALS SCREENING, MILLING AND STORAGE OPERATION INCLUDING CONVEYORS 101, 107, & 110, ELEVATORS 104 & 107, SCREENS 105 & 106, TANK 108, DEDUSTER 102, FABRIC COLLECTORS 103 & 108, & TRANSFER PIPE FROM SCREEN 105 TO S-1234-22
S-1234-16-6	89,124 Gallons	3020-05 D	1	223.00	223.00	A	AGRICULTURAL CHEMICALS/MINERALS SCREENING, MILLING & STORAGE OPERATION (MIDDLE LINE) INCLUDING ROTEX SCREENS #103, #104, AND #108, ROLL MILL #103, ENCLOSED CONVEYOR #116, AND TANK #107 RECEIVING MATERIAL FROM ELEVATOR #107 LISTED ON PTO #S-1234-15.
S-1234-17-8	122,181 gallons	3020-05 E	1	296.00	296.00	A	AG/CHEM MINERALS SCREENING, MILLING AND STORAGE OPERATION(SOUTH LINE) INCLUDING CONVEYORS 106, 108, & 109, ROTEX SCREENS 101, 102, & 107, ROLL MILLS 101 & 102, TANKS 105 & 106, DEDUSTER 103 AND FABRIC COLLECTOR 107 SHARED WITH S-1234-22
S-1234-18-19	163 HP	3020-01 D	1	379.00	379.00	A	AGRICULTURAL CHEMICALS/MINERALS PROCESSING OPERATION

Detailed Facility Report

For Facility=1234

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-1234-19-5	11 Total Electric hp	3020-01 A	1	107.00	107.00	A	AGRICULTURAL CHEMICALS/MINERALS BULK LOADOUT OPERATION
S-1234-20-5	153,713 gallons	3020-05 E	1	296.00	296.00	A	AGRICULTURAL CHEMICALS/MINERALS RECEIVING & STORAGE OPERATION
S-1234-21-8	108 Total Electric hp	3020-01 D	1	379.00	379.00	A	PRODUCT DE-DUSTING SYSTEM INCLUDING DEDUSTERS, ADDITIVE BIN, BUCKET ELEVATORS, CONVEYORS AND A DUST COLLECTOR
S-1234-22-8	400 kBTU/hr	3020-02 C	1	239.00	239.00	A	CAT LITTER PAINTING OPERATION INCLUDING: ONE BUCKET ELEVATOR, ONE PAINT MIXER, ONE 0.4 MMBTU/HR NATURAL GAS FIRED DRYER, ONE EXHAUST FAN, AND ONE CONVEYOR
S-1234-26-5	58 hp	3020-01 C	1	239.00	239.00	A	CLEANING/MILLING OPERATION #2 INCLUDING TWO BELT CONVEYORS, TWO FEED ELEVATORS AND SHARED FABRIC COLLECTOR
S-1234-27-1	Miscellaneous	3020-06	1	128.00	128.00	A	AGRICULTURAL CHEMICALS/MINERALS PROCESSING AND STORAGE OPERATION WITH ROLL MILL AND SCREEN, TWO CONVEYORS (#104 AND #105) ELEVATOR (#102) AND TWO TANKS (#103 AND #104) SERVED BY DUST COLLECTOR (#105)

Number of Facilities Reported: 1