



OCT 17 2012

Walter Gerst
Elk Corporation of Texas
6200 Zerker Road
Shafter, CA 93263

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # S-2033
Project # 1111511**

Dear Mr. Gerst:

Enclosed for your review and comment is the District's analysis of Elk Corporation of Texas' application for the Federally Mandated Operating Permit for its asphalt felts and coatings facility 6200 Zerker Road, Shafter, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period which begins on the date of publication of the public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,

David Warner
Director of Permit Services

DW: RE/cm

Attachments



OCT 17 2012

Gerardo C. Rios, Chief
Permits Office (AIR-3)
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # S-2033
Project # 1111511**

Dear Mr. Rios:

Enclosed for your review and comment is the District's analysis of Elk Corporation of Texas' application for the Federally Mandated Operating Permit for its asphalt felts and coatings facility 6200 Zerker Road, Shafter, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 45-day comment period which begins on the date of publication of the public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,

David Warner
Director of Permit Services

DW: RE/cm

Attachments



OCT 17 2012

Mike Tollstrup, Chief
Project Assessment Branch
Air Resources Board
P O Box 2815
Sacramento, CA 95812-2815

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # S-2033
Project # 1111511**

Dear Mr. Tollstrup:

Enclosed for your review and comment is the District's analysis of Elk Corporation of Texas' application for the Federally Mandated Operating Permit for its asphalt felts and coatings facility 6200 Zerker Road, Shafter, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. Please submit your written comments on this project within the 30-day comment period which begins on the date of publication of the public notice.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

Sincerely,

David Warner
Director of Permit Services

DW: RE/cm

Attachments

**NOTICE OF PRELIMINARY DECISION
FOR THE PROPOSED ISSUANCE OF
FEDERALLY MANDATED OPERATING PERMITS**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed issuance of the Federally Mandated Operating permits to Elk Corporation of Texas for its asphalt felts and coatings facility 6200 Zerker Road, Shafter, California.

The District's analysis of the legal and factual basis for this proposed action, project #1111511, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. There are no emission changes associated with this proposed action. This will be the public's only opportunity to comment on the specific conditions of the proposed Federally Mandated Operating initial permits. If requested by the public, the District will hold a public hearing regarding issuance of this initial permit. For additional information, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500. Written comments on the proposed initial permit must be submitted within 30 days of the publication date of this notice to DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CALIFORNIA 93726-0244.

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

ELK CORPORATION OF TEXAS

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Elk Corporation of Texas.
Facility #S-2033
Project #1111511

TITLE V APPLICATION REVIEW

Project #: S-1111511
Deemed Complete: 01/26/11

Engineer: Richard Edgehill
Date: October 15, 2012

Facility Number: S-2033
Facility Name: Elk Corporation of Texas.
Mailing Address: 6200 Zerker Rd
Shafter, CA 93263

Contact Name: Walter Gerst
Phone: (661) 817-4934

Responsible Official: Walter Gerst
Title: Process Control Manager

I. PROPOSAL

Elk Corporation of Texas is proposing that an initial Title V permit be issued for its asphalt felts and coatings facility located in Shafter, CA. The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with those applicable requirements, and to provide the legal and factual basis for proposed permit conditions.

II. FACILITY LOCATION

Elk Corporation of Texas is located at 6200 Zerker Road in Shafter, CA.

III. EQUIPMENT LISTING

Permit	Equipment
S-2033-1	BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #1
S-2033-2	BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #2
S-2033-3	GRANULES RECEIVING AND STORAGE OPERATION
S-2033-5	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION
S-2033-6	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION
S-2033-7	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION
S-2033-8	FILLER HEATING OPERATION WITH A FILLER RECEIVING BIN AND TWO HOT BINS SERVED BY DUST COLLECTOR (DC-7) WHIRL AIR FLOW MODEL 1300-120 BIN VENT FILTER(SHARED BY S-2033-9), AND DUST COLLECTOR (DC-5) ULTRA INDUSTRIES MODEL BB 256-120 (SHARED BY S-2033-9); THERMAL FLUID HEAT FROM TWO HEATERS (S-2033-13 AND S-2033-14) SERVED BY FAN DUST COLLECTOR (DC-8) ULTRA INDUSTRIES MODEL BB 16-58-IIIIG; ROTARY FEEDERS; AND METERING SCREW CONVEYORS FEEDING CONTINUOUS MIXERS
S-2033-9	ASPHALT ROOFING SHINGLE MANUFACTURING OPERATION INCLUDING UNWIND STAND, DRY FELT LOOPER SERVED BY DUST COLLECTOR (DC-4) ULTRA INDUSTRIES MODEL BD 400-120 III; DISTRIBUTION HOPPER, CONVEYORS, BUCKET ELEVATORS, DISTRIBUTOR, BACK SURFACING/GRANULES APPLICATOR, SERVED BY DUST COLLECTOR DC-5 (LISTED ON S-2033-8); BACK SURFACING FINES HOPPER SERVED BY DUST COLLECTOR (DC-6) ULTRA INDUSTRIES MODEL BBX 6-58-IIIG; COOLING DRUMS AND FINISHED PRODUCT LOOPER
S-2033-10	ASPHALT RECEIVING AND STORAGE OPERATION INCLUDING ONE 20,000 GALLON RECEIVING TANK, TWO 16,000 GALLON STORAGE TANKS, AND THREE 90,000 GALLON STORAGE TANKS
S-2033-12	ASPHALT ROOFING SHINGLE COATING OPERATION WITH MACHINE LINE FUME COLLECTION SYSTEM VENTED TO HIGH VELOCITY AIR FILTER (FCS-1)
S-2033-13	12.0 MMBTU/HR HEATEC MODEL HCI-8010-50-G NATURAL GAS OR LPG/PROPANE-FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE ULTRA LOW NOX BURNER AND FGR
S-2033-14	12.0 MMBTU/HR NATURAL GAS FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE, ULTRA LOW NOX BURNER, LPG AS A BACK-UP FUEL, AND A FLUE GAS RECIRCULATION

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant is requesting to use the following model general permit templates:

a. SJV-UM-0-3, Facility-wide Umbrella General Permit Template

The applicant has requested to utilize template #SJV-UM-03, Facility-wide Umbrella General Permit Template for unit S-2033-0-1. Based on the information submitted on the Template Qualification Form, the applicant qualifies for the use of this template.

V. SCOPE OF EPA AND PUBLIC REVIEW

Certain segments of the proposed Operating Permit are based on model general permit templates that have been previously subject to EPA and public review. The terms and conditions from the model general permit templates are included in the proposed permit and are not subject to further EPA and public review.

For permit applications utilizing model general permit templates, public and agency comments on the District's proposed actions are limited to the applicant's eligibility for model general permit template, applicable requirements not covered by the model general permit template, and the applicable procedural requirements for issuance of Title V Operating Permits.

The following permit conditions, including their underlying applicable requirements, originate from model general permit templates and are not subject to further EPA or public review.

Conditions 1 through 40 of the requirements for permit unit S-2033-0-1.

VI. REQUIREMENTS ADDRESSED BY GENERAL PERMIT TEMPLATES

District Rule 1100, Equipment Breakdown (Amended December 17, 1992) (Non-SIP replacement for Stanislaus County Rule 110)

District Rule 1160, Emission Statements (adopted November 18, 1992)

District Rule 2010, Permits Required (Amended December 17, 1992)

District Rule 2020, Exemptions (Amended August 18, 2011)¹

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)

¹ The amendments made to this rule on August 18, 2011 have no impact to this source; therefore template SJV-UM-0-3 is still valid for this project.

- District Rule 2080, Conditional Approval (Amended December 17, 1992)
- District Rule 2520, Sections 5.2, 9.1.1, 9.4, 9.5, 9.7, 9.8, 9.9, 9.13.1, 9.13.2, 9.16 and 10.0, Federally Mandated Operating Permits (Amended June 21, 2001)
- District Rule 4101, Visible Emissions (Amended February 17, 2005)
- District Rule 4601, Architectural Coatings (Amended December 17, 2009)
- District Rule 8011, General Requirements (Amended August 19, 2004)
- District Rule 8021, Construction, Demolition, Excavation, and Other Earthmoving Activities (Amended August 19, 2004)
- District Rule 8031, Bulk Materials (Amended August 19, 2004)
- District Rule 8041, Carryout and Trackout (Amended August 19, 2004)
- District Rule 8051, Open Areas (Amended August 19, 2004)
- District Rule 8061, Paved and Unpaved Roads (Amended August 19, 2004)
- District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas (Amended September 16, 2004)
- 40 CFR Part 82, Subpart B and F, Stratospheric Ozone
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos

VII. REQUIREMENTS NOT ADDRESSED BY GENERAL PERMIT TEMPLATES

- District Rule 1070, Inspections (amended December 17, 1992)
- District Rule 1081, Source Sampling (amended December 16, 1993)
- District Rule 2201, New and Modified Stationary Source Review Rule (amended April 21, 2011)
- District Rule 4001, New Source Performance Standards (April 14, 1999)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4305, Boilers, Steam Generators, and Process Heaters – Phase 2 (Amended August 21, 2003)
- District Rule 4306, Boilers, Steam Generators, and Process Heaters – Phase 3 (amended October 16, 2008)
- District Rule 4320, Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters Greater than 5.0 MMBtu/hr (amended October 16, 2008)
- 40 CFR Part 60, Subpart UU - Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

40 CFR Part 64, Compliance Assurance Monitoring (CAM)

VIII. 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.

This facility is subject to the following rules that are not currently federally enforceable:

A. District Rule 4102 - Nuisance

1. S-2033-0-1– Facility-Wide Requirements

- Condition #1 of S-2033-1-2 , '-2-2, '-3-2, '-5-1, '-6-1, '7-1, '8-4, '-9-7, '-10-2, and '-12-5 and Condition #2 of '-13-4 and '-14-4 were moved to the facility wide permit as Condition #41.

IX. COMPLIANCE

A. Requirements Addressed by Model General Permit Templates

1. Facility Wide Requirements

The applicant is proposing to use a general permit template to address federally applicable facility-wide requirements. Section IV of template SJV-UM-0-3 includes a demonstration of compliance for all applicable requirements. Template conditions have been added to the facility wide requirements as condition numbers 1 through 40 to assure compliance with these requirements.

B. Requirements Not Addressed by Model General Permit Templates

Greenhouse Gas Requirements

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

1. District Rule 1070, Inspections

The purpose of this rule is to explain the District's authority in determining compliance with the requirements of these rules and regulations. Draft permit conditions referencing the rule follow.

Elk Corporation of Texas.
 Facility #S-2033
 Project #1111511

Permit	Equipment	Proposed Permit Condition
S-2033-1	BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #1	12, 16
S-2033-2	BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #2	12, 16
S-2033-3	GRANULES RECEIVING AND STORAGE OPERATION	12, 13, 16
S-2033-5	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION	10, 11, 21, 23
S-2033-6	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION	10, 11, 21, 23
S-2033-7	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION	10, 11, 21, 23
S-2033-8	FILLER HEATING OPERATION WITH A FILLER RECEIVING BIN AND TWO HOT BINS SERVED BY DUST COLLECTOR (DC-7) WHIRL AIR FLOW MODEL 1300-120 BIN VENT FILTER(SHARED BY S-2033-9), AND DUST COLLECTOR (DC-5) ULTRA INDUSTRIES MODEL BB 256-120 (SHARED BY S-2033-9); THERMAL FLUID HEAT FROM TWO HEATERS (S-2033-13 AND S-2033-14) SERVED BY FAN DUST COLLECTOR (DC-8) ULTRA INDUSTRIES MODEL BB 16-58-IIIIG; ROTARY FEEDERS; AND METERING SCREW CONVEYORS FEEDING CONTINUOUS MIXERS	10,11
S-2033-9	ASPHALT ROOFING SHINGLE MANUFACTURING OPERATION INCLUDING UNWIND STAND, DRY FELT LOOPER SERVED BY DUST COLLECTOR (DC-4) ULTRA INDUSTRIES MODEL BD 400-120 III; DISTRIBUTION HOPPER, CONVEYORS, BUCKET ELEVATORS, DISTRIBUTOR, BACK SURFACING/GRANULES APPLICATOR, SERVED BY DUST COLLECTOR DC-5 (LISTED ON S-2033-8); BACK SURFACING FINES HOPPER SERVED BY DUST COLLECTOR (DC-6) ULTRA INDUSTRIES MODEL BBX 6-58-IIIG; COOLING DRUMS AND FINISHED PRODUCT LOOPER	11, 23, 25
S-2033-10	ASPHALT RECEIVING AND STORAGE OPERATION INCLUDING ONE 20,000 GALLON RECEIVING TANK, TWO 16,000 GALLON STORAGE TANKS, AND THREE 90,000 GALLON STORAGE TANKS	18,20
S-2033-12	ASPHALT ROOFING SHINGLE COATING OPERATION WITH MACHINE LINE FUME COLLECTION SYSTEM VENTED TO HIGH VELOCITY AIR FILTER (FCS-1)	15, 16, 29
S-2033-13	12.0 MMBTU/HR HEATEC MODEL HCI-8010-50-G NATURAL GAS OR LPG/PROPANE-FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE ULTRA LOW NOX BURNER AND FGR	17,19
S-2033-14	12.0 MMBTU/HR NATURAL GAS FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE, ULTRA LOW NOX BURNER, LPG AS A BACK-UP FUEL, AND A FLUE GAS RECIRCULATION	24,26

2. District Rule 1081, Source Sampling

This rule ensures that any source operation which emits or may emit air contaminants provides adequate and safe facilities for use in sampling to determine compliance. The rule also specifies methods and procedures for source testing, sample collection, and compliance determination. Draft permit conditions referencing the rule follow.

Permit	Equipment	Proposed Permit Condition
S-2033-1	BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #1	2,13
S-2033-2	BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #2	2,13
S-2033-3	GRANULES RECEIVING AND STORAGE OPERATION	2
S-2033-5	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION	2
S-2033-6	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION	2
S-2033-7	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION	2
S-2033-8	FILLER HEATING OPERATION WITH A FILLER RECEIVING BIN AND TWO HOT BINS SERVED BY DUST COLLECTOR (DC-7) WHIRL AIR FLOW MODEL 1300-120 BIN VENT FILTER(SHARED BY S-2033-9), AND DUST COLLECTOR (DC-5) ULTRA INDUSTRIES MODEL BB 256-120 (SHARED BY S-2033-9); THERMAL FLUID HEAT FROM TWO HEATERS (S-2033-13 AND S-2033-14) SERVED BY FAN DUST COLLECTOR (DC-8) ULTRA INDUSTRIES MODEL BB 16-58-IIIG; ROTARY FEEDERS; AND METERING SCREW CONVEYORS FEEDING CONTINUOUS MIXERS	2
S-2033-9	ASPHALT ROOFING SHINGLE MANUFACTURING OPERATION INCLUDING UNWIND STAND, DRY FELT LOOPER SERVED BY DUST COLLECTOR (DC-4) ULTRA INDUSTRIES MODEL BD 400-120 III; DISTRIBUTION HOPPER, CONVEYORS, BUCKET ELEVATORS, DISTRIBUTOR, BACK SURFACING/GRANULES APPLICATOR, SERVED BY DUST COLLECTOR DC-5 (LISTED ON S-2033-8); BACK SURFACING FINES HOPPER SERVED BY DUST COLLECTOR (DC-6) ULTRA INDUSTRIES MODEL BBX 6-58-IIIG; COOLING DRUMS AND FINISHED PRODUCT LOOPER	2,12,13
S-2033-10	ASPHALT RECEIVING AND STORAGE OPERATION INCLUDING ONE 20,000 GALLON RECEIVING TANK, TWO 16,000 GALLON STORAGE TANKS, AND THREE 90,000 GALLON STORAGE TANKS	2
S-2033-12	ASPHALT ROOFING SHINGLE COATING OPERATION WITH MACHINE LINE FUME COLLECTION SYSTEM VENTED TO HIGH VELOCITY AIR FILTER (FCS-1)	2,17
S-2033-13	12.0 MMBTU/HR HEATEC MODEL HCI-8010-50-G NATURAL GAS OR LPG/PROPANE-FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE ULTRA LOW NOX BURNER AND FGR	11
S-2033-14	12.0 MMBTU/HR NATURAL GAS FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE, ULTRA LOW NOX BURNER, LPG AS A BACK-UP FUEL, AND A FLUE GAS RECIRCULATION	11

3. District Rule 2201, New and Modified Stationary Source Review Rule

Permit	Equipment	Proposed Permit Condition
S-2033-1	BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #1	1, 3-11, 14,15
S-2033-2	BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #2	1, 3-11, 14,15
S-2033-3	GRANULES RECEIVING AND STORAGE OPERATION	1, 3-11, 14,15
S-2033-5	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION	1, 3-11, 12,13
S-2033-6	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION	1, 3-9, 12,13
S-2033-7	PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION	1, 3-9, 12,13
S-2033-8	FILLER HEATING OPERATION WITH A FILLER RECEIVING BIN AND TWO HOT BINS SERVED BY DUST COLLECTOR (DC-7) WHIRL AIR FLOW MODEL 1300-120 BIN VENT FILTER(SHARED BY S-2033-9), AND DUST COLLECTOR (DC-5) ULTRA INDUSTRIES MODEL BB 256-120 (SHARED BY S-2033-9); THERMAL FLUID HEAT FROM TWO HEATERS (S-2033-13 AND S-2033-14) SERVED BY FAN DUST COLLECTOR (DC-8) ULTRA INDUSTRIES MODEL BB 16-58-IIIG; ROTARY FEEDERS; AND METERING SCREW CONVEYORS FEEDING CONTINUOUS MIXERS	1, 3-9, 12,13
S-2033-9	ASPHALT ROOFING SHINGLE MANUFACTURING OPERATION INCLUDING UNWIND STAND, DRY FELT LOOPER SERVED BY DUST COLLECTOR (DC-4) ULTRA INDUSTRIES MODEL BD 400-120 III; DISTRIBUTION HOPPER, CONVEYORS, BUCKET ELEVATORS, DISTRIBUTOR, BACK SURFACING/GRANULES APPLICATOR, SERVED BY DUST COLLECTOR DC-5 (LISTED ON S-2033-8); BACK SURFACING FINES HOPPER SERVED BY DUST COLLECTOR (DC-6) ULTRA INDUSTRIES MODEL BBX 6-58-IIIG; COOLING DRUMS AND FINISHED PRODUCT LOOPER	1, 3-10, 14, 15
S-2033-10	ASPHALT RECEIVING AND STORAGE OPERATION INCLUDING ONE 20,000 GALLON RECEIVING TANK, TWO 16,000 GALLON STORAGE TANKS, AND THREE 90,000 GALLON STORAGE TANKS	1, 3-10, 15,16
S-2033-12	ASPHALT ROOFING SHINGLE COATING OPERATION WITH MACHINE LINE FUME COLLECTION SYSTEM VENTED TO HIGH VELOCITY AIR FILTER (FCS-1)	1, 3-7, 10-13, 19, 24, 25
S-2033-13	12.0 MMBTU/HR HEATEC MODEL HCI-8010-50-G NATURAL GAS OR LPG/PROPANE-FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE ULTRA LOW NOX BURNER AND FGR	1-3
S-2033-14	12.0 MMBTU/HR NATURAL GAS FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE, ULTRA LOW NOX BURNER, LPG AS A BACK-UP FUEL, AND A FLUE GAS RECIRCULATION	1-5

4. District Rule 2520

Greenhouse Gas Requirements

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

5. District Rule 4001

40 CFR Part 60, Subpart UU - Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture

This subpart applies to (a) The affected facilities to which this subpart applies are each saturator and each mineral handling and storage facility at asphalt roofing plants; and each asphalt storage tank and each blowing still at asphalt processing plants, petroleum refineries, and asphalt roofing plants.

(b) Any saturator or mineral handling and storage facility under paragraph (a) of this section that commences construction or modification after November 18, 1980, is subject to the requirements of this subpart. Any asphalt storage tank or blowing still that processes and/or stores asphalt used for roofing only or for roofing and other purposes, and that commences construction or modification after November 18, 1980, is subject to the requirements of this subpart.

Any asphalt storage tank or blowing still that processes and/or stores only nonroofing asphalts and that commences construction or modification after May 26, 1981, is subject to the requirements of this subpart.

This subpart applies to asphalt roofing plant, including shingle manufacturing. Standards of Performance include the following:

- (a) From any saturator (saturator, wet looper, and coater) –S-2033-9 and -12
1. Particulate matter emission shall not exceed 0.04 kg/Mg (or 0.08 lbm/ton) of asphalt shingle produced.
 2. Exhaust gas shall not exceed 20% opacity.
 3. No visible emissions from capture system for more than 20% of any period of consecutive valid observations totaling 60 minutes.

S-2033-9

8. Maximum particulate matter (PM10) emission rate from dust collector DC-4 shall not exceed 0.02 lb per ton of glass mat processed. [District Rule 2201] N
9. Maximum particulate matter (PM10) emission rate from dust collector DC-5 shall not exceed 0.0002 lb per ton of asphalt roofing shingle produced plus 0.00027 lb per ton of filler material processed by the filler heating operation, when in use. [District Rule 2201] N
10. Maximum particulate matter (PM10) emission rate from dust collector DC-6 shall not exceed 0.00027 lb per ton of back surfacing fines processed. [District Rule 2201] N

S-2033-12

12. Emission rate from shingle coating operation shall not exceed: PM10: 0.88 lb/hr and 6638 lb/yr, and VOC: 5.04 lb/hr and 37,996 lb/yr. [District Rule 2201] N
13. Total quantity of coating asphalt, sealant asphalt, and laminate adhesive asphalt introduced to asphalt roofing shingle coating operation (S-2033-12) shall not exceed 657 tons/day and 206,500 tons/yr. [District Rule 2201] N

$$0.88 \text{ lb/hr} / [657 \text{ tons/day} \times \text{day}/24 \text{ hr}] = 0.0321 \text{ lb/ton} < 0.08 \text{ lb/ton}$$

(b) From asphalt storage tank S-2033-10

Within 60 days after achieving maximum production rate, but no later than 180 days after initial startup, exhaust gases shall not exceed 0% opacity except for one consecutive 15-minute period in any 24-hour period when clearing transfer lines. The PTO includes the following condition:

4. Visible emissions shall not exceed 0% opacity except for one consecutive 15-minute period in any 24-hour period when clearing transfer lines. [District Rule 2201 and 40 CFR 60 Subpart UU] N

(c) From mineral handling and storage facility (unloading, conveyors, transfer points, and storage silos) –S-2033-1, '-2, '-3, '-5, '-6, '-7

Within 60 days after achieving maximum production rate, but no later than 180 days after initial startup, emissions shall not exceed 1% opacity. The drafts PTOs include the following conditions (or revised in no conveyors):

There shall be no visible emissions greater than 0% opacity from mineral handling and storage facility, including unloading hoppers, conveyors, transfer points, and storage silos. [District Rule 2201 and 40 CFR 60 Subpart UU] N

There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201 and 40 CFR 60 Subpart UU] N

Continuous monitor shall be installed to record temperature at inlet of high velocity air filters with monitoring equipment that has an accuracy of $\pm 15^{\circ}\text{C}$ over its range. The temperature monitoring results shall be maintained for at least five years. Units S-2033-10 (asphalt tanks) and '-12 (shingle coating) are served by high velocity air filters FCS-2 and FCS-1, respectively. The PTOs include the following condition:

S-2033-10

5. Continuous temperature monitoring equipment (with accuracy of ± 15 degrees Celsius over its range) shall be installed at inlet of high velocity air filter. [District Rule 2201] N

S-2033-12

7. Continuous temperature monitoring equipment (with accuracy of ± 15 degrees Celsius over its range) shall be installed at inlet of high velocity air filter. [District Rule 2201] N
8. Continuous temperature monitoring results shall be maintained for District inspection upon request for at least five years. [District Rule 1070] N

Compliance with this provision is expected.

S-2033-0-0 – Facility-Wide Requirements

- Condition #18 of S-2033-1-2 , '-2-2, '-3-2 and Condition # 16 of '-5-1, '-6-1, '-7-1, '-8-4 Condition # 17 of '-9-7, Condition #12 of '-10-2, and Condition # 21 of '-12-5 were moved to the facility wide permit as condition #42

Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001] N

6. District Rule 4201 – Particulate Matter Concentration

The purpose of this rule is to protect the ambient air quality by establishing a particulate matter emission standard. Section 3.1 requires emissions to be at or below 0.1 grains of particulate matter per dry standard cubic foot of exhaust gas.

a. S-2033-0-1: Facility-Wide Requirements

- Condition #4 of PTOs S-2033-13-4 and 14-4 was deleted and is new Condition #43 on the facility wide PTO.
-

7. District Rule 4305, Boilers, Steam Generators and Process Heaters – Phase 2

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

Since emissions limits of District Rule 4306 and all other requirements are equivalent or more stringent than District Rule 4305 requirements, compliance with District Rule 4306 requirements as shown in the following section will satisfy requirements of District Rule 4305.

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

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

Permit	Equipment	Proposed Permit Condition
S-2033-13	12.0 MMBTU/HR HEATEC MODEL HCI-8010-50-G NATURAL GAS OR LPG/PROPANE-FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE ULTRA LOW NOX BURNER AND FGR	3-10
S-2033-14	12.0 MMBTU/HR NATURAL GAS FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE, ULTRA LOW NOX BURNER, LPG AS A BACK-UP FUEL, AND A FLUE GAS RECIRCULATION	3-10, 11-13, 15,16, 18-24

9. District Rule 4320 – Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters Greater than 5.0 MMBtu/hr

The purpose of this rule is to limit the emissions of oxides of nitrogen (NO_x), carbon monoxide (CO), oxides of sulfur (SO₂), and particulate matter 10 microns or less (PM₁₀) from boilers, steam generators, and process heaters. This rule applies to any gaseous fuel or liquid fuel fired boiler, steam generator, or process heater with a rated heat input greater than 5 million Btu per hour. Heater S-2033-13 and '-14 are subject to the rule.

Section 5.1 states that operators of a unit(s) shall comply with all applicable requirements of the rule and one of the following, on a unit-by-unit basis:

Section 5.1.1 requires the unit comply with the emission limits specified in Sections 5.2 and 5.4; or

Section 5.1.2, Pay an annual emissions fee to the District as specified in Section 5.3 and comply with the (sulfur) control requirements specified in Section 5.4. The units are fired exclusively on PUC natural gas from a utility company or LPG/propane and therefore meet the sulfur control requirements.

Units S-2033-13 and '-14 are emissions fee units. The following conditions ensure compliance with the rule.

Permit	Equipment	Proposed Permit Condition
S-2033-13	12.0 MMBTU/HR HEATEC MODEL HCI-8010-50-G NATURAL GAS OR LPG/PROPANE-FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE ULTRA LOW NOX BURNER AND FGR	18, 19
S-2033-14	12.0 MMBTU/HR NATURAL GAS FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE, ULTRA LOW NOX BURNER, LPG AS A BACK-UP FUEL, AND A FLUE GAS RECIRCULATION	25, 26

2. 40 CFR Part 64 – Compliance Assurance Monitoring (CAM)

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

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

Elk Corporation of Texas.
Facility #S-2033
Project #1111511

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

Units 1, 2, 3, and '-5 through '-10, and '-12 are equipped with fabric filtration devices for PM10 control. Controlled emissions on the PTOs correspond to 99.9% control efficiency. The uncontrolled emissions factors (EFs) and the PTO emissions factors/0.0001.

Permit	PM10 EF lb/ton	Dust Collector	Throughput (tons/day)	Uncontrolled Emissions (lb/yr)	Major Source pre-control?
S-2033-1 (storage silo)	0.27	DC-3 shared	500 (back surfacing fines)	49,275	No
S-2033-2 (storage silo)	0.27		500 (back surfacing fines)	49,275	No
S-2033-3 20 storage silos	0.056		4078 (granules)	83,354	No
S-2033-5 (storage silo)	0.27	DC-1A	1598 (pneumatic filler)	157,483	Yes
S-2033-6 (storage silo)	0.27	DC-2	1598 (pneumatic filler)	157,483	Yes
S-2033-7 (storage silo)	0.27	DC-2A	1598	157,483	Yes
S-3022-8 (filter)	0.27	DC-7 and DC-5 (filler receiving and hot bins)	?		
		DC-8 (thermal fluid heat)	1141 (filler)	112,446	No
S-2033-9 (shingle manufacturing)	20	DC-4 (glass mat)	80 (glass mat)	584,000	Yes
	0.2	DC-5 (hoppers, conveyors, elevators, back surface applicator)	3998 (asphalt shingle)	291,854	Yes
	0.27*	DC-6* (back surface fines hopper)	300* (back surfacing fines)	29,565	No
S-2033-10 (asphalt storage tank project 940418)	1.23 lb/hr	FSC-2		1230 x 8760 = 10,774,800	Yes
S-2033-12	0.88 lb/hr	FSC-1		888 x 8760 = 7,778,880	Yes

Since the post control PM emissions are greater than 140,000 lb-PM₁₀/yr the daily monitoring visible inspection must comply with CAM requirements.

CAM compliance requires a daily visible emissions inspection in conjunction with daily monitoring of the pressure differential gauge and is satisfied by monitoring and recordkeeping of and evaluating visible emissions using EPA method 22. The condition for differential pressure range of 0.5 to 7.5 inches of water column is placed on the draft permits. Applicant will be authorized to revise this range as necessary based on source test data. The requirements for corrective action to eliminate visible emissions and also, for excursion from the acceptable range of the differential operating pressure within 3 hours will assure CAM compliance.

The following conditions, included on draft PTO S-2033-5-2, are representative of conditions added to S-2033-6, '-7, '-9, '-10, and '-12:

14. Ultra Industries model BBX 66-58-IIG dust collector DC-1A shall be equipped with a differential pressure monitor to continuously indicate and record the pressure drop across the filter media. [40 CFR 64.3] N
15. Ultra Industries model BBX 66-58-IIG dust collector DC-1A shall operate with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 7.5 inches water column. These parameters shall be reviewed annually and revised if necessary based on PM10 source test result data, historical operating data and manufacturer/supplier recommendations. [40 CFR 64.3] N
16. During each day of operation, the permittee shall record the differential pressure of the Ultra Industries model BBX 66-58-IIG dust collector DC-1A and compare the readings with the permitted range. If the baghouses' differential pressure falls outside the permitted range, the permittee shall take all necessary steps to return the baghouses' differential pressure to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to with the permitted range. [40 CFR Part 64] N
17. 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 part 64.8. [40 CFR 64.8] N
20. Visible emissions from Ultra Industries model BBX 66-58-IIG dust collector DC-1A shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once per each week 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 collection 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. [40 CFR 64] N
22. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR 64.9] N

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.

ATTACHMENTS

- Attachment A: Title V Compliance Certification Form
- Attachment B: Title V Facility Wide General Permit Template UM-3
- Attachment C: Current PTOs
- Attachment D: Draft PTOs

Attachment A
TITLE V COMPLIANCE CERTIFICATION FORM

San Joaquin Valley Air Pollution Control District

TITLE V COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

INITIAL TITLE V PERMIT

PERMIT RENEWAL

NEW TITLE V PERMIT

COMPANY NAME:	FACILITY ID: S - 2033
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: Elk Corporation of Texas	
3. Agent to the Owner: WZI Inc.	
4. Compliance Certifications will be submitted on:	
year 1: ___/___/___ year 2: ___/___/___ year 3: ___/___/___ year 4: ___/___/___ year 5: ___/___/___	
Other dates if required by regulations or compliance schedule: _____	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial each circle for confirmation):

- R/S
 Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) which the source is in compliance as identified in the Compliance Plan.
- R/S
 Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term as identified in the Compliance Plan, on a timely basis.
- Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance at the time of permit issuance with the applicable federal requirement(s), as identified in the Compliance Plan, and I have attached a compliance schedule.
- R/S
 Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- R/S
 Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:

Walter J. Gerst
Signature of Responsible Official

5/23/11
Date

Walter J. Gerst

Name of Responsible Official (please print)

Process Control Manager

Title of Responsible Official (please print)

Attachment B

Title V Facility Wide General Permit Template UM-3

Template SJV-UM-0-3

Title V General Permit Template Qualification Form
for
Facility-wide Umbrella General Permit Template

District facility ID # S-2033

To use this template, remove this sheet and attach to application. The conditions outlined in this template will be placed on your Title V permit.

Any facility may use this facility-wide template as part of its Title V application.

Based on information and belief formed after reasonable inquiry: 1) the information on this form is true and correct and 2) the facility certifies compliance with this template's permit conditions.

Walter Gerst
Signature of Responsible Official

5/24/11
Date

Walter Gerst
Name of Responsible Official (Please Print)

Attachment C

Current PTOs



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



Permit to Operate

FACILITY: S-2033

EXPIRATION DATE: 04/30/2015

LEGAL OWNER OR OPERATOR:
MAILING ADDRESS:

ELK CORPORATION OF TEXAS
6200 ZERKER RD
SHAFTER, CA 93263

FACILITY LOCATION:

6200 ZERKER RD
SHAFTER, CA 93263

FACILITY DESCRIPTION:

ASPHALT FELTS AND COATINGS

The Facility's Permit to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

This Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

Sayed Sadredin
Executive Director / APCO

David Warner
Director of Permit Services

San Joaquin Valley Air Pollution Control District

FACILITY: S-2033-0-0

EXPIRATION DATE: 04/30/2015

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: ELK CORPORATION OF TEXAS
Location: 6200 ZERKER RD, SHAFTER, CA 93263
S-2033-0-0: Oct 10 2012 1:48PM - EDGEHILL

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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-1-2

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #1

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081]
4. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201]
5. Operation shall include unloading hopper, feed conveyor, bucket elevator, and transfer conveyor shared between S-2033-1 & S-2033-2. [District Rule 2201]
6. Operation shall include one 6000 cu. ft. storage silo #1 served by Ultra Industries model BB 144-120 III dust collector DC-3 with 13000 cfm, 40 hp fan (shared between S-2033-1 through S-2033-3). [District Rule 2201]
7. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201]
8. All conveyors and bucket elevators shall be enclosed and emissions from all transfer points shall be vented to dust collector. [District Rule 2201]
9. There shall be no visible emissions greater than 0% opacity from mineral handling and storage facility, including unloading hoppers, conveyors, transfer points, and storage silos. [District Rule 2201]
10. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201]
11. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of materials received. [District Rule 2201]
12. Total facility back surfacing fines received shall not exceed 500 tons/day without prior District approval. [District Rule 2201]
13. Permittee shall maintain accurate daily records of facility back surfacing fines received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]
14. Source testing to demonstrate compliance with emission rate shall be conducted within 60 days of detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
15. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
16. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

17. Materials removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201]
18. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-2-2

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #2

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081]
4. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201]
5. Operation shall include unloading hopper, feed conveyor, bucket elevator, and transfer conveyor shared between S-2033-1 & S-2033-2. [District Rule 2201]
6. Operation shall include one 6000 cu. ft. storage silo #2 served by Ultra Industries model BB 144-120 III dust collector DC-3 with 13000 cfm, 40 hp fan (shared between S-2033-1 through S-2033-3). [District Rule 2201]
7. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201]
8. All conveyors and bucket elevators shall be enclosed and emissions from all transfer points shall be vented to dust collector. [District Rule 2201]
9. There shall be no visible emissions greater than 0% opacity from mineral handling and storage facility, including unloading hoppers, conveyors, transfer points, and storage silos. [District Rule 2201]
10. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201]
11. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of materials received. [District Rule 2201]
12. Total facility back surfacing fines received shall not exceed 500 tons/day without prior District approval. [District Rule 2201]
13. Permittee shall maintain accurate daily records of facility back surfacing fines received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]
14. Source testing to demonstrate compliance with emission rate shall be conducted within 60 days of detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
15. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
16. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

17. Materials removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201]
18. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-3-2

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:
GRANULES RECEIVING AND STORAGE OPERATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081]
4. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201]
5. Operation shall include two sets of unloading hopper, feed conveyor, bucket elevator, and transfer conveyor for colored granules and head lap granules. [District Rule 2201]
6. Operation shall include twenty 6000 cu. ft. storage silos served by Ultra Industries model BB 144-120 III dust collector DC-3 with 13000 cfm, 40 hp fan (shared between S-2033-1, '-2 & '-3). [District Rule 2201]
7. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201]
8. All conveyors and bucket elevators shall be enclosed and emissions from all transfer points shall be vented to dust collector during operation. [District Rule 2201]
9. There shall be no visible emissions greater than 0% opacity from mineral handling and storage facility, including unloading hoppers, conveyors, transfer points, and storage silos. [District Rule 2201]
10. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201]
11. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.000056 lb per ton of materials received. [District Rule 2201]
12. Total facility granule materials received shall not exceed 2000 tons/day of colored granules and 2078 tons/day of head lap granules without prior District approval. [District Rule 2201]
13. Permittee shall maintain accurate daily records of facility granule materials received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]
14. Compliance source testing with PM10 emission rate shall be demonstrated within 60 days upon detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
15. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
16. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]

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

17. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201]
18. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-5-1

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081]
4. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201]
5. Operation shall include one 17,140 cu. ft. filler storage silo #2 served by Ultra Industries model BBX 66-58-IIG dust collector DC-1A with 2150 cfm, 7.5 hp fan. [District Rule 2201]
6. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201]
7. There shall be no visible emissions greater than 0% opacity from mineral unloading, handling, and storage. [District Rule 2201]
8. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201]
9. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of filler material received. [District Rule 2201]
10. Total facility filler material received shall not exceed 1598 tons/day without prior District approval. [District Rule 2201]
11. Permittee shall maintain accurate daily records of facility filler material received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]
12. Compliance source testing with PM10 emission rate shall be demonstrated within 60 days upon detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
13. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
14. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]
15. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201]
16. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-6-1

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:
PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081]
4. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201]
5. Operation shall include one 17,140 cu. ft. filler storage silo #3 served by Ultra Industries model BBX 66-58-IIG dust collector DC-2 with 2150 cfm, 7.5 hp fan. [District Rule 2201]
6. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201]
7. There shall be no visible emissions greater than 0% opacity from mineral unloading, handling, and storage. [District Rule 2201]
8. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201]
9. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of filler material received. [District Rule 2201]
10. Total facility filler material received shall not exceed 1598 tons/day without prior District approval. [District Rule 2201]
11. Permittee shall maintain accurate daily records of facility filler material received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]
12. Compliance source testing with PM10 emission rate shall be demonstrated within 60 days upon detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
13. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
14. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]
15. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201]
16. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-7-1

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081]
4. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201]
5. Operation shall include one 17,140 cu. ft. filler storage silo #4 served by Ultra Industries model BBX 66-58-IIG dust collector DC-2A with 2150 cfm, 7.5 hp fan. [District Rule 2201]
6. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201]
7. There shall be no visible emissions greater than 0% opacity from mineral unloading, handling, and storage. [District Rule 2201]
8. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201]
9. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of filler material received. [District Rule 2201]
10. Total facility filler material received shall not exceed 1598 tons/day without prior District approval. [District Rule 2201]
11. Permittee shall maintain accurate daily records of facility filler material received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]
12. Compliance source testing with PM10 emission rate shall be demonstrated within 60 days upon detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
13. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
14. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]
15. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201]
16. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-8-4

EXPIRATION DATE: 04/30/2015

SECTION: 15 **TOWNSHIP:** 28S **RANGE:** 26E

EQUIPMENT DESCRIPTION:

FILLER HEATING OPERATION WITH A FILLER RECEIVING BIN AND TWO HOT BINS SERVED BY DUST COLLECTOR (DC-7) WHIRL AIR FLOW MODEL 1300-120 BIN VENT FILTER(SHARED BY S-2033-9), AND DUST COLLECTOR (DC-5) ULTRA INDUSTRIES MODEL BB 256-120 (SHARED BY S-2033-9); THERMAL FLUID HEAT FROM TWO HEATERS (S-2033-13 AND S-2033-14) SERVED BY FAN DUST COLLECTOR (DC-8) ULTRA INDUSTRIES MODEL BB 16-58-IIIG; ROTARY FEEDERS; AND METERING SCREW CONVEYORS FEEDING CONTINUOUS MIXERS

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081]
4. 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]
5. Dust collectors shall be maintained and operated according to manufacturers' recommendations. [District Rule 2201]
6. All conveyors shall be enclosed. [District Rule 2201]
7. There shall be no visible emissions greater than 0% opacity from mineral conveying, handling, and storage. [District Rule 2201]
8. Visible emissions from dust collectors DC-7 and DC-8 serving the filler heating operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District NSR Rule]
9. Maximum particulate matter (PM10) emission rate from dust collector DC-8 shall not exceed 0.00027 lb per ton of filler material processed. [District Rule 2201]
10. Total facility filler material process rate shall not exceed 1141 tons/day without prior District approval. [District Rule 2201]
11. Permittee shall maintain accurate daily records of filler material process rate and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]
12. Compliance source testing with PM10 emission rate(s) shall be demonstrated within 60 days upon detection of visible emissions greater than 5% opacity from the dust collector(s) exhaust. [District Rule 1070]
13. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
14. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

15. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201]
16. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-9-7

EXPIRATION DATE: 04/30/2015

SECTION: 15 **TOWNSHIP:** 28S **RANGE:** 26E

EQUIPMENT DESCRIPTION:

ASPHALT ROOFING SHINGLE MANUFACTURING OPERATION INCLUDING UNWIND STAND, DRY FELT LOOPER SERVED BY DUST COLLECTOR (DC-4) ULTRA INDUSTRIES MODEL BD 400-120 III; DISTRIBUTION HOPPER, CONVEYORS, BUCKET ELEVATORS, DISTRIBUTOR, BACK SURFACING/GRANULES APPLICATOR, SERVED BY DUST COLLECTOR DC-5 (LISTED ON S-2033-8); BACK SURFACING FINES HOPPER SERVED BY DUST COLLECTOR (DC-6) ULTRA INDUSTRIES MODEL BBX 6-58-IIG; COOLING DRUMS AND FINISHED PRODUCT LOOPER

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081]
4. Dust collectors shall be maintained and operated according to manufacturers' recommendations. [District Rule 2201]
5. All conveyors and bucket elevators shall be enclosed. [District Rule 2201]
6. There shall be no visible emissions greater than 5% opacity from cooling drums, finished product looper, and exhaust gas of dust collectors. [District Rule 2201]
7. There shall be no visible emissions greater than 0% opacity from mineral conveying, handling, and storage. [District Rule 2201]
8. Visible emissions from dust collectors DC-4, DC-5, and DC-6 serving the asphalt roofing shingle manufacturing operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District NSR Rule]
9. Maximum particulate matter (PM10) emission rate from dust collector DC-4 shall not exceed 0.02 lb per ton of glass mat processed. [District Rule 2201]
10. Maximum particulate matter (PM10) emission rate from dust collector DC-5 shall not exceed 0.0002 lb per ton of asphalt roofing shingle produced plus 0.00027 lb per ton of filler material processed by the filler heating operation, when in use. [District Rule 2201]
11. Maximum particulate matter (PM10) emission rate from dust collector DC-6 shall not exceed 0.00027 lb per ton of back surfacing fines processed. [District Rule 2201]
12. Compliance source testing with PM10 emission rate(s) shall be demonstrated within 60 days upon detection of visible emissions greater than 5% opacity from the dust collector(s) exhaust. [District Rule 1070]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. 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]
14. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
15. Total facility shingle production rate shall not exceed 3998 tons/day, glass mat process rate shall not exceed 80 tons/day, and back surfacing fines process rate shall not exceed 300 tons/day without prior District approval. [District Rule 2201]
16. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]
17. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]
18. Permittee shall maintain accurate daily records of shingle production rate and glass mat & back surfacing fines process rates, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-10-2

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

ASPHALT RECEIVING AND STORAGE OPERATION INCLUDING ONE 20,000 GALLON RECEIVING TANK, TWO 16,000 GALLON STORAGE TANKS, AND THREE 90,000 GALLON STORAGE TANKS

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081]
4. Operation shall include Monsanto Enviro-Chem Systems, Inc. model AVP-1000 high velocity air filter FCS-2 with 10 hp exhaust blower, serving asphalt receiving/storage tanks. [District Rule 2201]
5. Visible emissions shall not exceed 0% opacity except for one consecutive 15-minute period in any 24-hour period when clearing transfer lines. [District Rule 2201]
6. Continuous temperature monitoring equipment (with accuracy of +/- 15 degrees Celsius over its range) shall be installed at inlet of high velocity air filter. [District Rule 2201]
7. Tank roof appurtenances shall be maintained leak-free, as defined in Rule 4623. [District Rule 4623]
8. Maximum particulate matter (PM10) emission rate from high velocity air filter FCS-2 shall not exceed 1.23 lb/hr. [District Rule 2201]
9. Maximum volatile organic compounds (VOC) emission rate from high velocity air filter FCS-2 shall not exceed 1.23 lb/hr. [District Rule 2201]
10. Total facility asphalt received shall not exceed 919 tons/day without prior District approval. [District Rule 2201]
11. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]
12. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 2201]
13. Permittee shall maintain accurate daily records of facility asphalt received and temperature monitoring results, and shall make such records readily available for District inspection upon request for a period of five years. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-12-5

EXPIRATION DATE: 04/30/2015

SECTION: 15 TOWNSHIP: 28S RANGE: 26E

EQUIPMENT DESCRIPTION:

ASPHALT ROOFING SHINGLE COATING OPERATION WITH MACHINE LINE FUME COLLECTION SYSTEM VENTED TO HIGH VELOCITY AIR FILTER (FCS-1)

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
3. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081]
4. Operation shall include Monsanto Enviro-Chem Systems, Inc. model EEE high velocity air filter FCS-1 with 200 hp exhaust blower. [District Rule 2201]
5. Operation shall include two continuous mixers, 4000 gallon surge tank with agitator, filled coating applicator, sealdown applicator with three 2000 gallon sealdown storage and mix tanks served by high velocity air filter FCS-1. [District Rule 2201]
6. Operation shall include laminator sealdown applicator, laminator adhesive applicator, and five 250 gallon use tanks served by high velocity air filter FCS-1. [District Rule 2201]
7. Operation shall include oil pump and 1000 gallon reclaim oil storage tank. [District Rule 2201]
8. Continuous temperature monitoring equipment (with accuracy of +/- 15 degrees Celsius over its range) shall be installed at inlet of high velocity air filter. [District Rule 2201]
9. Continuous temperature monitoring results shall be maintained for District inspection upon request for at least five years. [District Rule 1070]
10. Each tank roof appurtenance shall be maintained leak-free (no reading in excess of 10,000 ppm as methane measured at a distance of one centimeter from the source). [District Rule 4623]
11. Maximum flow rate through high velocity air filter FCS-1 shall not exceed 25,200 acfm. Flow control damper shall be maintained at setting shown to demonstrate compliance with flow limit during source testing. [District Rule 2201]
12. Visible emissions shall not exceed 1/4 Ringelmann or 5% opacity. [District Rule 2201]
13. Emission rate from shingle coating operation shall not exceed: PM10: 0.88 lb/hr and 6638 lb/yr, and VOC: 5.04 lb/hr and 37,996 lb/yr. [District Rule 2201]
14. Total quantity of coating asphalt, sealant asphalt, and laminate adhesive asphalt introduced to asphalt roofing shingle coating operation (S-2033-12) shall not exceed 657 tons/day and 206,500 tons/yr. [District Rule 2201]
15. Source testing to demonstrate compliance with PM10 and VOC emission limits shall be conducted not less than once every 12 months, except as provided below. [District Rule 1070]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

16. Source testing to demonstrate compliance with PM10 and VOC emission limits shall be conducted not less than once every 36 months if compliance is demonstrated on two consecutive annual tests. [District Rule 1070]
17. If permittee fails any compliance demonstration for PM10 and VOC emission limits when testing not less than once every 36 months, compliance with PM10 and VOC emission limits shall be demonstrated not less than once every 12 months. [District Rule 1070]
18. 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]
19. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
20. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201]
21. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]
22. Permittee shall maintain daily records of asphalt process rate and temperature monitoring results, and shall make such records readily available for District inspection upon request for a period of five years. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-13-4

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

12.0 MMBTU/HR HEATEC MODEL HCI-8010-50-G NATURAL GAS OR LPG/PROPANE-FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE ULTRA LOW NOX BURNER AND FGR

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. The unit shall only be fired on PUC-regulated natural gas or LPG/propane. [District Rule 2201]
6. Emission rates from the natural gas or LPG/propane-fired unit shall not exceed any of the following limits: 15 ppmv NO_x @ 3% O₂ or 0.018 lb-NO_x/MMBtu, 0.0164 lb-SO_x/MMBtu, 0.012 lb-PM₁₀/MMBtu, 200 ppmv CO @ 3% O₂ or 0.15 lb-CO/MMBtu, or 0.0027 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306]
7. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ 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 Rules 4305 and 4306]
8. If either the NO_x or CO concentrations corrected to 3% O₂, 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 Rules 4305 and 4306]
9. 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 Rules 4305 and 4306]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

10. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (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 Rules 4305 and 4306]
11. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306]
12. Source testing to measure natural gas-combustion NO_x and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306]
13. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306]
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]
15. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306]
16. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306]
17. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306]
18. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306]
19. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
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]
21. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NO_x emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NO_x emission limit listed in Rule 4320. [District Rule 4320]
22. Permittee shall maintain records of annual heat input (MMBtu) for this unit on a calendar year basis. Such 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 Rule 4320]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-14-4

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

12.0 MMBTU/HR NATURAL GAS FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE, ULTRA LOW NOX BURNER, LPG AS A BACK-UP FUEL, AND A FLUE GAS RECIRCULATION

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. The unit shall only be fired on PUC-regulated natural gas as the primary fuel with commercial LPG as a back-up fuel. [District Rule 2201]
6. This unit shall be fired on commercial LPG only during natural gas curtailments for no more than 168 cumulative hours in a calendar year plus 48 hours per calendar year for equipment testing. [District Rules 2201, 4305 and 4306]
7. While fired on natural gas, emissions from the exhaust of this unit shall not exceed any of the following limits: 15 ppmvd NO_x @ 3% O₂ or 0.018 lb-NO_x/MMBtu; 200 ppmvd CO @ 3% O₂; 0.0027 lb-VOC/MMBtu; 0.0076 lb-PM₁₀/MMBtu; or 0.00285 lb-SO_x/MMBtu. [District Rules 2201, 4305, and 4306]
8. While fired on commercial LPG, emissions from the exhaust of this unit shall not exceed any of the following limits: 0.018 lb-NO_x/MMBtu; 0.148 lb-CO/MMBtu; 0.0055 lb-VOC/MMBtu; 0.0066 lb-PM₁₀/MMBtu; or 0.0166 lb-SO_x/MMBtu. [District Rules 2201, 4305 and 4306]
9. If the unit is fired on back-up fuel for a period exceeding 48 cumulative hours in a calendar year, the permittee shall monitor and record the stack concentration of NO_x at least once during that year using an APCO approved portable NO_x analyzer. Monitoring for back-up fuel NO_x emissions shall not be required when the unit is operating on primary fuel, i.e. the unit need not be fired on back-up fuel solely to perform monitoring. [District Rules 4305 and 4306]
10. Back-up fuel NO_x 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 Rules 4305 and 4306]
11. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. Source testing to measure natural gas-combustion NO_x and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306]
13. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306]
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]
15. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306]
16. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306]
17. VOC emissions for source test purposes shall be determined using EPA Method 25A or 25B, or ARB Method 100. [District Rule 2201]
18. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306]
19. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306]
20. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
21. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ 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 Rules 4305 and 4306]
22. If either the NO_x or CO concentrations corrected to 3% O₂, 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 Rules 4305 and 4306]
23. 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 Rules 4305 and 4306]
24. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (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 Rules 4305 and 4306]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

25. The permittee shall maintain records of: (1) the date and time of back-up fuel NO_x measurements, (2) the measured back-up fuel NO_x concentration (in ppmv or lb/MMBtu) corrected to 3% O₂, (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 Rules 4305 and 4306]
26. The permittee shall maintain records of the number of hours the unit operates while fired on commercial LPG. Records shall include the date, the number of hours of operation and the purpose of the operation (e.g., natural gas curtailment, equipment testing, etc.). [District Rules 4305 and 4306]
27. 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]
28. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NO_x emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NO_x emission limit listed in Rule 4320. [District Rule 4320]
29. Permittee shall maintain records of annual heat input (MMBtu) for this unit on a calendar year basis. Such 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 Rule 4320]

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

Attachment D

Draft PTOs

San Joaquin Valley Air Pollution Control District

FACILITY: S-2033-0-1

EXPIRATION DATE: 04/30/2015

FACILITY-WIDE REQUIREMENTS

1. {4362} The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. {4363} The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. {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
8. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit

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: ELK CORPORATION OF TEXAS
Location: 6200 ZEKER RD, SHAFTER, CA 93263
S-2033-0-1 : Oct 15 2012 4:29PM - EDGENILR

9. {4370} The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
10. {4371} The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
11. {4372} Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
12. {4373} If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. {4374} It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. {4375} The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. {4376} The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. {4377} The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. {4378} The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. {4379} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. {4380} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. {4381} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. {4382} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

22. {4383} No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (02/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
23. {4384} No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in Table of Standards 1 effective until 12/30/10 or Table of Standards 2 effective on and after 1/1/11 of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. {4385} All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
25. {4386} The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. {4387} With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. {4388} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. {4389} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. {4390} Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
30. {4391} Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
31. {4392} An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
32. {4393} Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
33. {4394} Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

34. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
35. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
36. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. {4400} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. {4401} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. Permittee shall comply with all applicable requirements, including notification and reporting requirements of NSPS Rule 4001 (40 CFR 60 Subpart UU). [District Rule 4001]
43. {14} Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
44. On XXX, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, 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.

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-1-3

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #1

PERMIT UNIT REQUIREMENTS

1. {36} All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201]
2. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
3. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include unloading hopper, feed conveyor, bucket elevator, and transfer conveyor shared between S-2033-1 & S-2033-2. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Operation shall include one 6000 cu. ft. storage silo #1 served by Ultra Industries model BB 144-120 III dust collector DC-3 with 13000 cfm, 40 hp fan (shared between S-2033-1 through S-2033-3). [District Rule 2201] Federally Enforceable Through Title V Permit
6. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
7. All conveyors and bucket elevators shall be enclosed and emissions from all transfer points shall be vented to dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
8. There shall be no visible emissions greater than 0% opacity from mineral handling and storage facility, including unloading hoppers, conveyors, transfer points, and storage silos. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
9. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of materials received. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
11. Total facility back surfacing fines received shall not exceed 500 tons/day without prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Source testing to demonstrate compliance with emission rate shall be conducted within 60 days of detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070] Federally Enforceable Through Title V Permit
13. 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

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Materials removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Permittee shall maintain accurate daily records of facility back surfacing fines received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070] 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-2033-2-3

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

BACK SURFACING FINES RECEIVING AND STORAGE OPERATION INCLUDING 6000 CUBIC FEET (44,883 GALLONS) STORAGE SILO #2

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PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
3. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include unloading hopper, feed conveyor, bucket elevator, and transfer conveyor shared between S-2033-1 & S-2033-2. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Operation shall include one 6000 cu. ft. storage silo #2 served by Ultra Industries model BB 144-120 III dust collector DC-3 with 13000 cfm, 40 hp fan (shared between S-2033-1 through S-2033-3). [District Rule 2201] Federally Enforceable Through Title V Permit
6. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
7. All conveyors and bucket elevators shall be enclosed and emissions from all transfer points shall be vented to dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
8. There shall be no visible emissions greater than 0% opacity from mineral handling and storage facility, including unloading hoppers, conveyors, transfer points, and storage silos. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
9. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
10. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of materials received. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Total facility back surfacing fines received shall not exceed 500 tons/day without prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Source testing to demonstrate compliance with emission rate shall be conducted within 60 days of detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070] 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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13. 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
14. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Materials removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Permittee shall maintain accurate daily records of facility back surfacing fines received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]

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-2033-3-3

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:
GRANULES RECEIVING AND STORAGE OPERATION

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PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
3. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include two sets of unloading hopper, feed conveyor, bucket elevator, and transfer conveyor for colored granules and head lap granules. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Operation shall include twenty 6000 cu. ft. storage silos served by Ultra Industries model BB 144-120 III dust collector DC-3 with 13000 cfm, 40 hp fan (shared between S-2033-1, '-2 & '-3). [District Rule 2201] Federally Enforceable Through Title V Permit
6. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
7. All conveyors and bucket elevators shall be enclosed and emissions from all transfer points shall be vented to dust collector during operation. [District Rule 2201] Federally Enforceable Through Title V Permit
8. There shall be no visible emissions greater than 0% opacity from mineral handling and storage facility, including unloading hoppers, conveyors, transfer points, and storage silos. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
9. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
10. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.000056 lb per ton of materials received. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Total facility granule materials received shall not exceed 2000 tons/day of colored granules and 2078 tons/day of head lap granules without prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Compliance source testing with PM10 emission rate shall be demonstrated within 60 days upon detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
13. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]

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. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Permittee shall maintain accurate daily records of facility granule materials received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]

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-2033-5-2

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:
PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION

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PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
3. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include one 17,140 cu. ft. filler storage silo #2 served by Ultra Industries model BBX 66-58-IIG dust collector DC-1A with 2150 cfm, 7.5 hp fan. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
6. There shall be no visible emissions greater than 0% opacity from mineral unloading, handling, and storage. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
7. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
8. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of filler material received. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Total facility filler material received shall not exceed 1598 tons/day without prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Compliance source testing with PM10 emission rate shall be demonstrated within 60 days upon detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
11. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
12. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Ultra Industries model BBX 66-58-IIG dust collector DC-1A shall be equipped with a differential pressure monitor to continuously indicate and record the pressure drop across the filter media. [40 CFR 64.3]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

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15. Ultra Industries model BBX 66-58-IIG dust collector DC-1A shall operate with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 7.5 inches water column. These parameters shall be reviewed annually and revised if necessary based on PM10 source test result data, historical operating data and manufacturer/supplier recommendations. [40 CFR 64.3]
16. During each day of operation, the permittee shall record the differential pressure of the Ultra Industries model BBX 66-58-IIG dust collector DC-1A and compare the readings with the permitted range. If the baghouses' differential pressure falls outside the permitted range, the permittee shall take all necessary steps to return the baghouses' differential pressure to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to within the permitted range. [40 CFR Part 64]
17. 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 part 64.8. [40 CFR 64.8]
18. Fabric collection system of Ultra Industries model BBX 66-58-IIG dust collector DC-1A shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Ultra Industries model BBX 66-58-IIG dust collector DC-1A filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Visible emissions from Ultra Industries model BBX 66-58-IIG dust collector DC-1A shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once per each week 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 collection 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. [40 CFR 64]
21. Records of Ultra Industries model BBX 66-58-IIG dust collector DC-1A filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 1070]
22. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR 64.9]
23. Permittee shall maintain accurate daily records of facility filler material received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]

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-2033-6-2

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:
PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION

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PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
3. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include one 17,140 cu. ft. filler storage silo #3 served by Ultra Industries model BBX 66-58-IIG dust collector DC-2 with 2150 cfm, 7.5 hp fan. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
6. There shall be no visible emissions greater than 0% opacity from mineral unloading, handling, and storage. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
7. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
8. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of filler material received. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Total facility filler material received shall not exceed 1598 tons/day without prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Compliance source testing with PM10 emission rate shall be demonstrated within 60 days upon detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
11. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
12. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Ultra Industries model BBX 66-58-IIG dust collector DC-2 shall be equipped with a differential pressure monitor to continuously indicate and record the pressure drop across the filter media. [40 CFR 64.3]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

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15. Ultra Industries model BBX 66-58-IIG dust collector DC-2 shall operate with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 7.5 inches water column. These parameters shall be reviewed annually and revised if necessary based on PM10 source test result data, historical operating data and manufacturer/supplier recommendations. [40 CFR 64.3]
16. During each day of operation, the permittee shall record the differential pressure of the Ultra Industries model BBX 66-58-IIG dust collector DC-2 and compare the readings with the permitted range. If the baghouses' differential pressure falls outside the permitted range, the permittee shall take all necessary steps to return the baghouses' differential pressure to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to within the permitted range. [40 CFR Part 64]
17. 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 part 64.8. [40 CFR 64.8]
18. Fabric collection system of Ultra Industries model BBX 66-58-IIG dust collector DC-2 shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Ultra Industries model BBX 66-58-IIG dust collector DC-2 filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Visible emissions from Ultra Industries model BBX 66-58-IIG dust collector DC-2 shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once per each week 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 collection 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. [40 CFR 64]
21. Records of Ultra Industries model BBX 66-58-IIG dust collector DC-2 filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 1070]
22. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR 64.9]
23. Permittee shall maintain accurate daily records of facility filler material received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]

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-2033-7-2

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:
PNEUMATIC FILLER RECEIVING AND STORAGE OPERATION

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PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
3. Silo vent filters shall have operational differential pressure indicators. The indicators shall be maintained in good working order at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include one 17,140 cu. ft. filler storage silo #4 served by Ultra Industries model BBX 66-58-IIG dust collector DC-2A with 2150 cfm, 7.5 hp fan. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Dust collector shall be maintained and operated according to manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
6. There shall be no visible emissions greater than 0% opacity from mineral unloading, handling, and storage. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
7. There shall be no visible emissions greater than 0% opacity from exhaust gas of dust collector. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
8. Maximum particulate matter (PM10) emission rate from dust collector shall not exceed 0.00027 lb per ton of filler material received. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Total facility filler material received shall not exceed 1598 tons/day without prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Compliance source testing with PM10 emission rate shall be demonstrated within 60 days upon detection of visible emissions greater than 0% opacity from dust collector exhaust. [District Rule 1070]
11. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
12. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Ultra Industries model BBX 66-58-IIG dust collector DC-2A shall be equipped with a differential pressure monitor to continuously indicate and record the pressure drop across the filter media. [40 CFR 64.3]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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15. Ultra Industries model BBX 66-58-IIG dust collector DC-2A shall operate with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 7.5 inches water column. These parameters shall be reviewed annually and revised if necessary based on PM10 source test result data, historical operating data and manufacturer/supplier recommendations. [40 CFR 64.3]
16. During each day of operation, the permittee shall record the differential pressure of the Ultra Industries model BBX 66-58-IIG dust collector DC-2A and compare the readings with the permitted range. If the baghouses' differential pressure falls outside the permitted range, the permittee shall take all necessary steps to return the baghouses' differential pressure to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to within the permitted range. [40 CFR Part 64]
17. 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 part 64.8. [40 CFR 64.8]
18. Fabric collection system of Ultra Industries model BBX 66-58-IIG dust collector DC-2A shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Ultra Industries model BBX 66-58-IIG dust collector DC-2A filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Visible emissions from Ultra Industries model BBX 66-58-IIG dust collector DC-2A shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once per each week 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 collection 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. [40 CFR 64]
21. Records of Ultra Industries model BBX 66-58-IIG dust collector DC-2A filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 1070]
22. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR 64.9]
23. Permittee shall maintain accurate daily records of facility filler material received, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]

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-2033-8-5

EXPIRATION DATE: 04/30/2015

SECTION: 15 TOWNSHIP: 28S RANGE: 26E

EQUIPMENT DESCRIPTION:

FILLER HEATING OPERATION WITH A FILLER RECEIVING BIN AND TWO HOT BINS SERVED BY DUST COLLECTOR (DC-7) WHIRL AIR FLOW MODEL 1300-120 BIN VENT FILTER(SHARED BY S-2033-9), AND DUST COLLECTOR (DC-5) ULTRA INDUSTRIES MODEL BB 256-120 (SHARED BY S-2033-9); THERMAL FLUID HEAT FROM TWO HEATERS (S-2033-13 AND S-2033-14) SERVED BY FAN DUST COLLECTOR (DC-8) ULTRA INDUSTRIES MODEL BB 16-58-IIIIG; ROTARY FEEDERS; AND METERING SCREW CONVEYORS FEEDING CONTINUOUS MIXERS

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
3. 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
4. Dust collectors shall be maintained and operated according to manufacturers' recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
5. All conveyors shall be enclosed. [District Rule 2201] Federally Enforceable Through Title V Permit
6. There shall be no visible emissions greater than 0% opacity from mineral conveying, handling, and storage. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
7. Visible emissions from dust collectors DC-7 and DC-8 serving the filler heating 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
8. Maximum particulate matter (PM10) emission rate from dust collector DC-8 shall not exceed 0.00027 lb per ton of filler material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Total facility filler material process rate shall not exceed 1141 tons/day without prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Compliance source testing with PM10 emission rate(s) shall be demonstrated within 60 days upon detection of visible emissions greater than 5% opacity from the dust collector(s) exhaust. [District Rule 1070]
11. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
12. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [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. Material removed from dust collector(s) shall be disposed of in a manner preventing visible emissions in excess of 0% opacity into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Permittee shall maintain accurate daily records of filler material process rate and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]

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-2033-9-8

EXPIRATION DATE: 04/30/2015

SECTION: 15 **TOWNSHIP:** 28S **RANGE:** 26E

EQUIPMENT DESCRIPTION:

ASPHALT ROOFING SHINGLE MANUFACTURING OPERATION INCLUDING UNWIND STAND, DRY FELT LOOPER SERVED BY DUST COLLECTOR (DC-4) ULTRA INDUSTRIES MODEL BD 400-120 III; DISTRIBUTION HOPPER, CONVEYORS, BUCKET ELEVATORS, DISTRIBUTOR, BACK SURFACING/GRANULES APPLICATOR, SERVED BY DUST COLLECTOR DC-5 (LISTED ON S-2033-8); BACK SURFACING FINES HOPPER SERVED BY DUST COLLECTOR (DC-6) ULTRA INDUSTRIES MODEL BBX 6-58-IIG; COOLING DRUMS AND FINISHED PRODUCT LOOPER

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
3. Dust collectors shall be maintained and operated according to manufacturers' recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
4. All conveyors and bucket elevators shall be enclosed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. There shall be no visible emissions greater than 5% opacity from cooling drums, finished product looper, and exhaust gas of dust collectors. [District Rule 2201] Federally Enforceable Through Title V Permit
6. There shall be no visible emissions greater than 0% opacity from mineral conveying, handling, and storage. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
7. Visible emissions from dust collectors DC-4, DC-5, and DC-6 serving the asphalt roofing shingle manufacturing 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
8. Maximum particulate matter (PM10) emission rate from dust collector DC-4 shall not exceed 0.02 lb per ton of glass mat processed. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Maximum particulate matter (PM10) emission rate from dust collector DC-5 shall not exceed 0.0002 lb per ton of asphalt roofing shingle produced plus 0.00027 lb per ton of filler material processed by the filler heating operation, when in use. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Maximum particulate matter (PM10) emission rate from dust collector DC-6 shall not exceed 0.00027 lb per ton of back surfacing fines processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Compliance source testing with PM10 emission rate(s) shall be demonstrated within 60 days upon detection of visible emissions greater than 5% opacity from the dust collector(s) exhaust. [District Rule 1070]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. 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
13. {110} The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
14. Total facility shingle production rate shall not exceed 3998 tons/day, glass mat process rate shall not exceed 80 tons/day, and back surfacing fines process rate shall not exceed 300 tons/day without prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201] Federally Enforceable Through Title V Permit
16. DC-4 and DC-5 dust collectors shall be equipped with a differential pressure monitor to continuously indicate and record the pressure drop across the filter media. [40 CFR 64.3]
17. DC-4 and DC-5 dust collectors shall operate with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 7.5 inches water column. These parameters shall be reviewed annually and revised if necessary based on PM10 source test result data, historical operating data and manufacturer/supplier recommendations. [40 CFR 64.3]
18. During each day of operation, the permittee shall record the differential pressure of DC-4 and DC-5 dust collectors and compare the readings with the permitted range. If the baghouses' differential pressure falls outside the permitted range, the permittee shall take all necessary steps to return the baghouses' differential pressure to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to within the permitted range. [40 CFR Part 64]
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 part 64.8. [40 CFR 64.8]
20. Fabric collection system of DC-4, DC-5, and DC-6 dust collectors shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
21. DC-4, DC-5, and DC-6 dust collectors filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Visible emissions from DC-4 and DC-5 dust collectors shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once per each week 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 collection 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. [40 CFR 64]
23. Records of DC-4 and DC-5 dust collectors filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 1070]
24. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR 64.9]
25. Permittee shall maintain accurate daily records of shingle production rate and glass mat & back surfacing fines process rates, and such records shall be made readily available for District inspection upon request for a period of five years. [District Rule 1070]

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-2033-10-5

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

ASPHALT RECEIVING AND STORAGE OPERATION INCLUDING ONE 20,000 GALLON RECEIVING TANK, TWO 16,000 GALLON STORAGE TANKS, AND THREE 90,000 GALLON STORAGE TANKS

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The APCO or any authorized representative, upon request, shall have access to inspect any equipment, operation, or method required in this permit, and to sample emissions from the source or require samples to be taken. [District Rule 1081] Federally Enforceable Through Title V Permit
3. Operation shall include Monsanto Enviro-Chem Systems, Inc. model AVP-1000 high velocity air filter FCS-2 with 10 hp exhaust blower, serving asphalt receiving/storage tanks. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Visible emissions shall not exceed 0% opacity except for one consecutive 15-minute period in any 24-hour period when-clearing transfer lines. [District Rule 2201 and 40 CFR 60 Subpart UU] Federally Enforceable Through Title V Permit
5. Continuous temperature monitoring equipment (with accuracy of +/- 15 degrees Celsius over its range) shall be installed at inlet of high velocity air filter. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Tank roof appurtenances shall be maintained leak-free, as defined in Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
7. Maximum particulate matter (PM10) emission rate from high velocity air filter FCS-2 shall not exceed 1.23 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Maximum volatile organic compounds (VOC) emission rate from high velocity air filter FCS-2 shall not exceed 1.23 lb/hr. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Total facility asphalt received shall not exceed 919 tons/day without prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Monsanto Enviro-Chem Systems, Inc. model AVP-1000 high velocity air filter FCS-2 dust collector shall be equipped with a differential pressure monitor to continuously indicate and record the pressure drop across the filter media. [40 CFR 64.3]
12. Monsanto Enviro-Chem Systems, Inc. model AVP-1000 high velocity air filter FCS-2 dust collector shall operate with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 7.5 inches water column. These parameters shall be reviewed annually and revised if necessary based on PM10 source test result data, historical operating data and manufacturer/supplier recommendations. [40 CFR 64.3]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. During each day of operation, the permittee shall record the differential pressure of the Monsanto Enviro-Chem Systems, Inc. model AVP-1000 high velocity air filter FCS-2 dust collector and compare the readings with the permitted range. If the baghouses' differential pressure falls outside the permitted range, the permittee shall take all necessary steps to return the baghouses' differential pressure to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to within the permitted range. [40 CFR Part 64]
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 part 64.8. [40 CFR 64.8]
15. Fabric collection system of Monsanto Enviro-Chem Systems, Inc. model AVP-1000 high velocity air filter FCS-2 dust collector shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Monsanto Enviro-Chem Systems, Inc. model AVP-1000 high velocity air filter FCS-2 dust collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Visible emissions from Monsanto Enviro-Chem Systems, Inc. model AVP-1000 high velocity air filter FCS-2 dust collector shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once per each week 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 collection 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. [40 CFR 64]
18. Records of Monsanto Enviro-Chem Systems, Inc. model AVP-1000 high velocity air filter FCS-2 dust collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 1070]
19. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR 64.9]
20. Permittee shall maintain accurate daily records of facility asphalt received and temperature monitoring results, and shall make such records readily available for District inspection upon request for a period of five years. [District Rule 1070]

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-2033-12-6

EXPIRATION DATE: 04/30/2015

SECTION: 15 **TOWNSHIP:** 28S **RANGE:** 26E

EQUIPMENT DESCRIPTION:

ASPHALT ROOFING SHINGLE COATING OPERATION WITH MACHINE LINE FUME COLLECTION SYSTEM VENTED TO HIGH VELOCITY AIR FILTER.(FCS-1)

PERMIT UNIT REQUIREMENTS

1. All equipment shall be constructed, maintained and operated according to the specifications and plans contained in the permit application except as otherwise specified herein. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit
3. Operation shall include Monsanto Enviro-Chem Systems, Inc. model EEE high velocity air filter FCS-1 with 200 hp exhaust blower. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operation shall include two continuous mixers, 4000 gallon surge tank with agitator, filled coating applicator, sealdown applicator with three 2000 gallon sealdown storage and mix tanks served by high velocity air filter FCS-1. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Operation shall include laminator sealdown applicator, laminator adhesive applicator, and five 250 gallon use tanks served by high velocity air filter FCS-1. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Operation shall include oil pump and 1000 gallon reclaim oil storage tank. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Continuous temperature monitoring equipment (with accuracy of +/- 15 degrees Celsius over its range) shall be installed at inlet of high velocity air filter. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Continuous temperature monitoring results shall be maintained for District inspection upon request for at least five years. [District Rule 1070]
9. Each tank roof appurtenance shall be maintained leak-free (no reading in excess of 10,000 ppm as methane measured at a distance of one centimeter from the source). [District Rule 4623] Federally Enforceable Through Title V Permit
10. Maximum flow rate through high velocity air filter FCS-1 shall not exceed 25,200 acfm. Flow control damper shall be maintained at setting shown to demonstrate compliance with flow limit during source testing. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Visible emissions shall not exceed 1/4 Ringelmann or 5% opacity. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Emission rate from shingle coating operation shall not exceed: PM10: 0.88 lb/hr and 6638 lb/yr, and VOC: 5.04 lb/hr and 37,996 lb/yr. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Total quantity of coating asphalt, sealant asphalt, and laminate adhesive asphalt introduced to asphalt roofing shingle coating operation (S-2033-12) shall not exceed 657 tons/day and 206,500 tons/yr. [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. Source testing to demonstrate compliance with PM10 and VOC emission limits shall be conducted not less than once every 12 months, except as provided below. [District Rule 1070]
15. Source testing to demonstrate compliance with PM10 and VOC emission limits shall be conducted not less than once every 36 months if compliance is demonstrated on two consecutive annual tests. [District Rule 1070]
16. If permittee fails any compliance demonstration for PM10 and VOC emission limits when testing not less than once every 36 months, compliance with PM10 and VOC emission limits shall be demonstrated not less than once every 12 months. [District Rule 1070]
17. 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
18. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1070]
19. The APCO or authorized representative shall have the authority to require mitigation of toxic emissions if total facility health risks are determined to be significant pursuant to Air Toxics "Hot Spot" Information and Assessment Act of 1987. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Monsanto Enviro-Chem Systems, Inc. model EEE high velocity air filter FCS-1 dust collector shall be equipped with a differential pressure monitor to continuously indicate and record the pressure drop across the filter media. [40 CFR 64.3]
21. Monsanto Enviro-Chem Systems, Inc. model EEE high velocity air filter FCS-1 dust collector shall operate with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 7.5 inches water column. These parameters shall be reviewed annually and revised if necessary based on PM10 source test result data, historical operating data and manufacturer/supplier recommendations. [40 CFR 64.3]
22. During each day of operation, the permittee shall record the differential pressure of the Monsanto Enviro-Chem Systems, Inc. model EEE high velocity air filter FCS-1 dust collector and compare the readings with the permitted range. If the baghouses' differential pressure falls outside the permitted range, the permittee shall take all necessary steps to return the baghouses' differential pressure to within the permitted range as soon as possible, but no longer than three hours after detection. If the differential pressure cannot be returned within the permitted range after three hours of operation following detection, the permittee shall shut the operation down and make all necessary repairs to bring the differential pressure back to within the permitted range. [40 CFR Part 64]
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 part 64.8. [40 CFR 64.8]
24. Fabric collection system of Monsanto Enviro-Chem Systems, Inc. model EEE high velocity air filter FCS-1 dust collector shall be completely inspected annually while in operation for evidence of particulate matter breakthrough and shall be repaired as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
25. Monsanto Enviro-Chem Systems, Inc. model EEE high velocity air filter FCS-1 dust collector filters shall be completely inspected annually while not in operation for tears, scuffs, abrasives or holes which might interfere with PM collection efficiency and shall be replaced as needed. [District Rule 2201] Federally Enforceable Through Title V Permit
26. Visible emissions from Monsanto Enviro-Chem Systems, Inc. model EEE high velocity air filter FCS-1 dust collector shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once per each week 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 collection 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. [40 CFR 64]
27. Records of Monsanto Enviro-Chem Systems, Inc. model EEE high velocity air filter FCS-1 dust collector filter maintenance, inspection, and repairs shall be maintained. The records shall include identification of equipment, date of inspection, corrective action taken, and identification of individual performing inspection. [District Rule 1070]
28. The permittee shall comply with the record keeping and reporting requirements of 40 CFR part 64.9. [40 CFR 64.9]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

29. Permittee shall maintain daily records of asphalt process rate and temperature monitoring results, and shall make such records readily available for District inspection upon request for a period of five years. [District Rule 1070]

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-2033-13-5

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

12.0 MMBTU/HR HEATEC MODEL HCI-8010-50-G NATURAL GAS OR LPG/PROPANE-FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE ULTRA LOW NOX BURNER AND FGR

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-regulated natural gas or LPG/propane. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Emission rates from the natural gas or LPG/propane-fired unit shall not exceed any of the following limits: 15 ppmv NO_x @ 3% O₂ or 0.018 lb-NO_x/MMBtu, 0.0164 lb-SO_x/MMBtu, 0.012 lb-PM₁₀/MMBtu, 200 ppmv CO @ 3% O₂ or 0.15 lb-CO/MMBtu, or 0.0027 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
4. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
5. If either the NO_x or CO concentrations corrected to 3% O₂, 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
6. 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
7. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (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 Rules 4305 and 4306] 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.

8. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
9. Source testing to measure natural gas-combustion NOx and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
10. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
11. 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
12. 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. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
13. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
14. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
15. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
16. 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
17. 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
18. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in Rule 4320. [District Rule 4320] Federally Enforceable Through Title V Permit
19. Permittee shall maintain records of annual heat input (MMBtu) for this unit on a calendar year basis. Such 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 Rule 4320] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2033-14-5

EXPIRATION DATE: 04/30/2015

EQUIPMENT DESCRIPTION:

12.0 MMBTU/HR NATURAL GAS FIRED PROCESS HEATER WITH A NORTH AMERICAN MODEL 4211-14-LE, ULTRA LOW NOX BURNER, LPG AS A BACK-UP FUEL, AND A FLUE GAS RECIRCULATION

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-regulated natural gas as the primary fuel with commercial LPG as a back-up fuel. [District Rule 2201] Federally Enforceable Through Title V Permit
3. This unit shall be fired on commercial LPG only during natural gas curtailments for no more than 168 cumulative hours in a calendar year plus 48 hours per calendar year for equipment testing. [District Rules 2201, 4305 and 4306] Federally Enforceable Through Title V Permit
4. While fired on natural gas, emissions from the exhaust of this unit shall not exceed any of the following limits: 15 ppmvd NO_x @ 3% O₂ or 0.018 lb-NO_x/MMBtu; 200 ppmvd CO @ 3% O₂; 0.0027 lb-VOC/MMBtu; 0.0076 lb-PM₁₀/MMBtu; or 0.00285 lb-SO_x/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
5. While fired on commercial LPG, emissions from the exhaust of this unit shall not exceed any of the following limits: 0.018 lb-NO_x/MMBtu; 0.148 lb-CO/MMBtu; 0.0055 lb-VOC/MMBtu; 0.0066 lb-PM₁₀/MMBtu; or 0.0166 lb-SO_x/MMBtu. [District Rules 2201, 4305 and 4306] Federally Enforceable Through Title V Permit
6. If the unit is fired on back-up fuel for a period exceeding 48 cumulative hours in a calendar year, the permittee shall monitor and record the stack concentration of NO_x at least once during that year using an APCO approved portable NO_x analyzer. Monitoring for back-up fuel NO_x emissions shall not be required when the unit is operating on primary fuel, i.e. the unit need not be fired on back-up fuel solely to perform monitoring. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
7. Back-up fuel NO_x 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
8. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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9. Source testing to measure natural gas-combustion NO_x and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
10. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
11. 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
12. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
13. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
14. VOC emissions for source test purposes shall be determined using EPA Method 25A or 25B, or ARB Method 100. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
16. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
17. 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
18. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
19. If either the NO_x or CO concentrations corrected to 3% O₂, 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
20. 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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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21. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
22. The permittee shall maintain records of: (1) the date and time of back-up fuel NO_x measurements, (2) the measured back-up fuel NO_x concentration (in ppmv or lb/MMBtu) corrected to 3% O₂, (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 Rules 4305 and 4306] Federally Enforceable Through Title V Permit
23. The permittee shall maintain records of the number of hours the unit operates while fired on commercial LPG. Records shall include the date, the number of hours of operation and the purpose of the operation (e.g., natural gas curtailment, equipment testing, etc.). [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
24. 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
25. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NO_x emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NO_x emission limit listed in Rule 4320. [District Rule 4320] Federally Enforceable Through Title V Permit
26. Permittee shall maintain records of annual heat input (MMBtu) for this unit on a calendar year basis. Such 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 Rule 4320] Federally Enforceable Through Title V Permit

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