



DEC 01 2011

Dennis Tristao
J.G. Boswell Company
P. O. Box 457
Corcoran, CA 93212-0457

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # C-1555
Project # C-1070723**

Dear Mr. Tristao:

The District has issued the Final Title V Permit for J.G. Boswell Company. The preliminary decision for this project was made on September 1, 2011. A summary of the comments and the District's response to each comment is included with the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

Thank you for your cooperation in this matter. Should you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,



David Warner
Director of Permit Services

Attachments

cc: Kamaljit Sran, Permit Services Engineer

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



DEC 01 2011

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

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # C-1555
Project # C-1070723**

Dear Mr. Rios:

The District has issued the Final Title V Permit Renewal for J.G. Boswell Company. The preliminary decision for this project was made on September 1, 2011. A summary of the comments and the District's response to each comment is included with the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

I would like to thank you and your staff for working with us. We appreciate your concurrence with this action. Should you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

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Director of Permit Services

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DEC 01 2011

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

**Re: Notice of Final Action - Title V Permit Renewal
District Facility # C-1555
Project # C-1070723**

Dear Mr. Tollstrup:

The District has issued the Final Title V Permit for J.G. Boswell Company. The preliminary decision for this project was made on September 1, 2011. A summary of the comments and the District's response to each comment is included with the Renewed Final Title V Permit and public notice to be published approximately three days from the date of this letter.

I would like to thank you and your staff for working with us. Should you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,

David Warner
Director of Permit Services

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~~Fresno Bee~~
Hanford Sentinel

**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT
NOTICE OF FINAL DECISION TO ISSUE
RENEWED FEDERALLY MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District has made its final decision to issue the renewed Federally Mandated Operating Permit to J.G. Boswell Company for its Vegetable oil refining operation at 710 Bainum Avenue, Corcoran, California.

The District's analysis of the legal and factual basis for this proposed action, project #C-1070723, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. For additional information regarding this matter, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CA 93726-0244.

SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT

TITLE V PERMIT RENEWAL ENGINEERING EVALUATION

J. G. Boswell Company

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TITLE V PERMIT RENEWAL EVALUATION

Vegetable Oil Refining Operation

Engineer: Kamaljit Sran
Date: November 29, 2011

Facility #: C-1555
Facility Name: J.G. Boswell Co.
Mailing Address: P.O. Box 457
Corcoran, CA 93212-0457

Contact Person: Dennis C. Tristao
Phone: (559) 992-2141

Responsible Official: Dennis C. Tristao
Title: Environmental Compliance Manager

Project #: C-1070723
Deemed Complete: May 15, 2007

I. PROPOSAL

J.G. Boswell Co. received it's renewed Title V permit on November 17, 2003. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the renewed Title V permit.

The purpose of this evaluation is to provide the legal and factual basis for all updated applicable requirements and to determine if the facility will comply with these updated requirements.

On September 1, 2011, the District issued public notice of its preliminary decision to issue the renewed Title V permit for this facility. In accordance with District Rule 2520, copies of the proposed permit and evaluation were forwarded to the facility, US EPA, and the California Air Resources Board. Copies were also made available for public review. The notice of District's preliminary decision was published in The Hanford Sentinel (newspaper of general circulation in Kings County) on September 8, 2011. During the review period that followed the notice of preliminary decision, the District received facility comments. Responses to these comments provided as Attachment E.

II. FACILITY LOCATION

The J.G. Boswell Co. operation is located at 710 Bainum Avenue in Corcoran, California.

III. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is shown in Attachment C.

IV. MODEL GENERAL PERMIT TEMPLATE USAGE

The applicant has not requested to utilize any model general permit template.

V. SCOPE OF EPA AND PUBLIC REVIEW

Since applicant is not requested to use any model general permit templates, the proposed permit is in it's entirety is subject to EPA and public review.

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Updated

Following rules are that are applicable to operation of this facility has been updated since issuance of the last renewed Title V permit.

- District Rule 2020, Exemptions
(amended March 21, 2002 ⇒ amended December 20, 2007)
- District Rule 2201, New and Modified Stationary Source Review Rule
(amended December 15, 2005 ⇒ amended April 21, 2011)
- District Rule 4101, Visible Emissions
(amended November 15, 2001 ⇒ amended February 17, 2005)
- District Rule 4306, Boilers, Steam Generators and Process Heaters - Phase 3
(Adopted September 18, 2003 ⇒ amended October 16, 2008)
- District Rule 4601, Architectural Coatings
(amended October 31, 2001 ⇒ amended December 17, 2009)
- District Rule 8021, Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities
(adopted November 15, 2001 ⇒ amended August 19, 2004)

- District Rule 8031, Bulk Materials
(adopted November 15, 2001 ⇒ amended August 19, 2004)
- District Rule 8041, Carryout and Trackout
(adopted November 15, 2001 ⇒ amended August 19, 2004)
- District Rule 8051, Open Areas
(adopted November 15, 2001 ⇒ amended August 19, 2004)
- District Rule 8061, Paved and Unpaved Roads
(adopted November 15, 2001 ⇒ amended August 19, 2004)
- District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas
(adopted November 15, 2001 ⇒ amended September 16, 2004)
- 60 CFR Part 64, Compliance Assurance Monitoring

B. Rules Removed

Following rules are that were applicable to operation of this facility has been removed since issuance of the last renewed Title V permit.

None

C. Rules Added

Following rules are that are applicable to operation of this facility has been adopted since issuance of the last renewed Title V permit.

- District Rule 4320, Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters Greater than 5.0 MMBtu/hr
(adopted October 16, 2008)

D. Rules Not Updated

Following rules are that are applicable to operation of this facility has not been updated since issuance of the last renewed Title V permit.

- District Rule 1080, Source Sampling (amended December 16, 1993)
- District Rule 1081, Stack Monitoring (amended December 17, 1992)
- District Rule 1100, Equipment Breakdown (amended December 17, 1992)
- District Rule 1160, Emission Statements (adopted November 18, 1992)

- District Rule 2010, Permits Required (amended December 17, 1992)
- District Rule 2031, Transfer of Permits (amended December 17, 1992)
- District Rule 2040, Applications (amended December 17, 1992)
- District Rule 2070, Standards for Granting Applications (amended December 17, 1992)
- District Rule 2520, Federally Mandated Operating Permits (amended June 21, 2001)
- District Rule 2080, Conditional Approval (amended December 17, 1992)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4202, Particulate Matter Emission Rate (amended December 17, 1992)
- District Rule 4305, Boilers, Steam Generators and Process Heaters - Phase 2 (amended August 21, 2003)
- District Rule 4691, Vegetable Oil Processing (amended December 17, 1992)
- District Rule 4801, Sulfur Compounds (amended December 17, 1992)
- 40 CFR PART 68 - Chemical Accident Prevention Provisions
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos
- 40 CFR Part 82, Subparts B and F, Stratospheric Ozone
- 40 CFR 63 Subpart GGGG - Solvent Extraction for Vegetable Oil Production

VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

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

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

A. Rules Added

None

B. Rules Not Updated

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

Condition 41 of facility wide requirements (C-1555-0-3) is based on the District Rule 4102 and will therefore not be discussed any further.

VIII. PERMIT REQUIREMENTS

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

A. District Rule 2020 - Exemptions

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

B. District Rule 2201 – New and Modified Stationary Source Review Rule

Renewal of federally mandated operating permit is not considered a modification of stationary source, therefore will not addressed any further in this evaluation.

C. District Rule 2520 – Federally Mandated Operating Permits

There are no federally applicable Greenhouse Gas (GHG) requirements for this source. It should be noted that the Mandatory Greenhouse Gas Reporting rule (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.

D. District Rule 4101 - Visible Emissions

Section 5.0 prohibits the discharge of any air contaminant for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker in shade as that designated as No. 1 on the Ringelmann Chart; or is of such opacity as to obscure an observer's view to a degree equal to or greater than the smoke described in Section 5.1 of Rule 4101.

Rule 4101 has many exemptions, one being an exemption for equipment used in agricultural operations necessary for the growing of crops or raising of fowl or animals. US EPA has indicated that this agricultural exemption must be removed or narrowed in scope and justified. The general exemption in Section 4.4 for agricultural sources was removed and agricultural operations are required to use the same feasible control measures that are used by other industries in the SJVAB to control visible emissions.

The amendments to this rule do not have any affect on current permit requirements and will therefore not be addressed in this evaluation.

E. District Rule 4306 Boilers, Steam Generators, Process Heaters - Phase 3

a. Permit Unit C-1555-11-9

Rule 4306 was modified to address an EPA concern regarding the exemption from BACT and offset exemption to include provisions of start-up or shutdown in the Permit to Operate (PTO). The modified provision includes a statement that modification of PTO may qualify for exemption from BACT and offset provided it meets the criteria specified in Rule 2201 (New and Modified Stationary Source Review Rule), Section 4.4 (BACT Exemption) and Section 4.6 (Offset Exemption). US EPA commented it is not appropriate to include such an exemption from new source review (NSR) requirements and it would not be approvable for inclusion in the State Implementation Plan (SIP). US EPA also stated "any regulatory language that exempts sources from NSR is subject to review as a revision to the District's NSR program. Adding a specific NSR exemption or new terms to provide an exemption already provided for in Rule 2201 to any rule not previously evaluated by EPA would likely open up all of the existing NSR rules to a new review to ensure compliance with the requirements of 40 CFR 51.165(a)(1).

The amendments to this rule do not have any affect on current permit requirements and will therefore not be addressed in this evaluation.

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

a. Permit Unit C-1555-11-9

Section 5.1 would provide three main Advanced Emission Reduction Options for rule compliance:

1. Meet the specific NO_x emission and the particulate matter control requirements; or
2. Pay an annual emissions fee to the District and meet the particulate

- matter control requirements; or
3. Limit fuel input to comply with the low-use unit provision specified in Section 5.5.

The permittee has minimized the NO_x emissions to less than 6 ppmv @ 3% O₂ by installing controls in form of SCR technology. Condition 13 of the requirements for permit unit C-1555-11-9 assures compliance with requirement.

Section 5.4 would contain provisions to limit emissions of particulate matter (PM). To that end, units would be required to comply with one of the following three options:

1. Fire exclusively on PUC-quality natural gas, commercial propane, butane, or liquefied petroleum gas, or a combination of these gases; or
2. Limit fuel sulfur content to no more than five (5) grains of total sulfur per one hundred (100) standard cubic feet; or
3. Install and properly operate an emission control system that reduces SO₂ emissions by at least 95% by weight; or limit exhaust SO₂ to less than or equal to 9 ppmv corrected to 3.0 % O₂.

The permittee already comply with first option since unit burns PUC-regulated Natural Gas. Conditions 2 and 42 of the requirements for permit unit C-1555-11-9 assure compliance with this requirement.

In addition, obsolete conditions 10 through 24 from expiring permit to operate S-1555-11-8 have been removed.

G. District Rule 4601 - Architectural Coatings

a. C-1555-0-3 – Facility-Wide Requirements

The latest version of District Rule 4601 has not been SIP approved. Attachment D contains the streamlining of the SIP approved District Rule 4601 (10/31/01) to the current District Rule 4601 to show the current rule is as stringent if not more than the SIP approved version. Conditions 23 through 25 on the facility-wide permit (C-1555-0-3) demonstrate compliance with the requirements of the latest version of this rule.

H. SJVUAPCD Regulation VIII - Fugitive Dust (PM10)

a. C-1555-0-3 – Facility-Wide Requirements

These regulations contain requirements for the control of fugitive dust. These requirements apply to various sources, including construction, demolition, excavation, extraction, mining activities, outdoor storage piles, paved and

unpaved roads. Compliance with these regulations will be required by permit conditions 29 through 34.

I. 40 CFR Part 64 - Compliance Assurance Monitoring

40 CFR Part 64 requires Compliance Assurance Monitoring (CAM) for units that meet all three following 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.

a. C-1555-8-10 – Vegetable Oil Solvent Plant

The facility owns and operates a vegetable oil refinery plant (permit unit C-1555-8) with the allowable Hexane emissions of 2,156 lb-VOC/day, averaged over three months period. The emissions are controlled by capturing all fugitive emissions using the vacuum system and piping the collected vapor to the vent condenser/mineral oil scrubber (MOS).

Conditions 33, 34, and 35 of the requirements for permit unit C-1555-8-10 provide a reasonable assurance of compliance with 40 CFR part 64.3. Conditions 36 and 37 were added to address the operational requirements of 40 CFR part 64.7, the quality improvement requirements of part 64.8, and the recordkeeping and reporting requirements of part 64.9.

b. C1555-6-2 – Meal Handling plant

The meal plant is subject to PM10 emission limit of 33.6 lb/day and controlled by 12 2D-2D cyclones. Cyclones are considered passive controls. The passive controls are not subject to requirements of CAM.

C. C-1555-11-9 - 34,8 MMBtu/hr Boiler

The boiler is subject to NOx emission limit of 6 ppmv @ 3% O₂ and it is being achieved by add-on control in the form of SCR technology. The steam generators are equipped with low NOx burners which are guaranteed to have NOx emissions of 30 ppmv @ 3% O₂ or 0.036 lb/MMBtu.

Uncontrolled NOx emissions from this 34.8 MMBtu/hr boiler is calculated as shown below.

$$0.036 \text{ lb/MMBtu} \times 34.8 \text{ MMBtu/hr} \times 8,760 \text{ hrs/year} = 10,975 \text{ lb/year}$$

CAM is not applicable for NOx, since major source threshold for NOx is 20,000 lb/yr year.

IX. PERMIT SHIELD

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

A. Requirements Addressed by Model General Permit Templates

The applicant has not requested to utilize any model general permit templates.

B. Requirements not Addressed by Model General Permit Templates

The applicant has requested that permit shield be granted for outdated Kings County Rule 401, Rule 111, and Rule 202. Based on applicant request a permit shield is being granted for these rules as condition 43 of facility-wide requirements C-1555-0-3.

The applicant has also requested that permit shield be granted for District Rules 1100, sections 6.1 and 7.0; 2010, sections 3.0 and 4.0; 2031; 2040; 2070, section 7.0; 2080; 4101; 4601; 8021; 8031; 8041; 8051; 8061; and 8071. Based on applicant request a permit shield is being granted for these rules as condition 44 of facility-wide requirements C-1555-0-3.

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

X. PERMIT CONDITIONS

See Attachment A - Renewed Title V Operating Permit.

XI. ATTACHMENTS

- A. Renewed Title V Operating Permit
- B. Expired Title V Operating Permit
- C. Detailed Facility List
- D. Current District Rule SIP Comparison
- E. Facility Comments And District Responses

ATTACHMENT A

Renewed Title V Operating Permit



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT



HEALTHY AIR LIVING™

Permit to Operate

FACILITY: C-1555 **EXPIRATION DATE:** 11/30/2016
LEGAL OWNER OR OPERATOR: J G BOSWELL COMPANY OIL MILL
MAILING ADDRESS: PO BOX 457
CORCORAN, CA 93212
FACILITY LOCATION: 710 BAINUM AVE
CORCORAN, CA 93212
FACILITY DESCRIPTION: AGRICULTURAL PRODUCTS PROCESSING

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.

Seyed Sadredin
Executive Director / APCO

David Warner
Director of Permit Services

San Joaquin Valley Air Pollution Control District

FACILITY: C-1555-0-3

EXPIRATION DATE: 11/30/2016

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; Kings County Rule 111] 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 and Kings County Rule 111] 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: J G BOSWELL COMPANY OIL MILL
Location: 710 BAINUM AVE, CORCORAN, CA 93212
C-1555-0-3 : Nov 30 2011 7:43AM - SRANK

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. The reporting period for the Report of Required Monitoring and the Compliance Certification Report begin April 1st of every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit
40. All Hexane storage tanks shall be operated as pressure vessels with working pressures sufficient at all times to prevent organic liquid loss to the atmosphere. [District Rule 4623, 4.1.1] 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. Should the facility, as defined in 40 CFR section 68.3, become subject to Part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 CFR section 68.10. The facility shall certify compliance as part of the annual certification as required by 40 CFR part 70. [40 CFR 68] Federally Enforceable Through Title V Permit
43. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated Kings County SIP requirements: Rule 401, Rule 111, and Rule 202. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
44. 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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-2-6

EXPIRATION DATE: 11/30/2016

EQUIPMENT DESCRIPTION:

825 HP DECORTICATION OPERATION INCLUDING FOUR DECORTICATOR/SEPARATORS, FOUR HULL BEATERS, ONE SCALPER, AND NINE 1D-3D CYCLONES VENTED TO ONE CONTINENTAL AIR SYSTEMS MODEL 10-7 OUTR-A-VAC ROTARY FILTER.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The rotary filter shall be operated in accordance with the manufacturer's specifications whenever the decortication process is operating. [District NSR Rule] Federally Enforceable Through Title V Permit
3. PM10 emissions shall not exceed 0.0074 lb PM10/ton seeds processed. [District NSR Rule and District Rule 4202] Federally Enforceable Through Title V Permit
4. Daily process rate of seed shall not exceed 1400 tons in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The owner/operator shall maintain daily records of the tons of seed processed. [District NSR Rule and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
7. Dust collectors shall be inspected at least once every week while not in operation for any tears, holes, or malfunctions which might interfere with the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. The particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
10. Records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-3-7

EXPIRATION DATE: 11/30/2016

EQUIPMENT DESCRIPTION:

COMPLIANT DORMANT LINT REMOVAL PROCESS INCLUDING 2 (1D-2D) CYCLONE CLEANERS/RECLAIMERS, 19 (2D-2D) CYCLONE LINTERS, HULL BEATERS AND RECLAIMERS, AND 13 (1D-3D) CYCLONE CLEANERS/COLLECTORS (2,940 TOTAL HP)

PERMIT UNIT REQUIREMENTS

1. Repairs and maintenance including dismantling of equipment is authorized under this permit while this unit remains dormant. For any permanent changes or modifications to C-1555-3, the operator shall file for and receive an Authority to Construct permit authorizing such changes or modifications prior to recommencing operation. [District Rule 2010] Federally Enforceable Through Title V Permit
2. All machines/systems belonging to the lint removal process (C-1555-3) shall be physically disconnected from their power source or rendered non-operational. [District Rule 2010] Federally Enforceable Through Title V Permit
3. Provided that no permanent changes that might otherwise require ATC approval have taken place, the operator shall notify the District at least seven (7) calendar days prior to recommencing operation of this dormant emissions unit (DEU), at which time this permit will be administratively modified to remove DEU references. [District Rule 2010] Federally Enforceable Through Title V Permit
4. Upon recommencing operation, particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. Upon recommencing operation, material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4201] Federally Enforceable Through Title V Permit
6. Upon recommencing operation, 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 4102]
7. Compliance with the above conditions shall be considered compliance with District Rule 4201 (12/17/92). Therefore, a permit shield is granted from this requirement. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
8. Upon recommencing operation, dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Upon recommencing operation, records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Upon recommencing operation, the particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
11. Upon recommencing operation, records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

12. A source test to demonstrate compliance with the particulate matter (PM) emission rate limit (0.1 grains/dscf), on this permit shall be performed within 60 days of recommencing operation of this unit unless such a test has been completed within the previous five years. The owner/operator shall measure the PM emission rate from one representative cyclone using CARB Method 5. Source testing to demonstrate compliance with the PM emission rate limit on this permit shall be performed at least once every five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-6-7

EXPIRATION DATE: 11/30/2016

EQUIPMENT DESCRIPTION:

1,300 HP MEAL HANDLING PLANT SERVED BY TWELVE 2D-2D CYCLONE COLLECTORS.

PERMIT UNIT REQUIREMENTS

1. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. 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 NSR Rule] Federally Enforceable Through Title V Permit
4. The maximum throughput shall not exceed 1400 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Emissions from the pelletizer shall not exceed 33.6 lb PM10/day. [District NSR Rule and District Rule 4202] Federally Enforceable Through Title V Permit
6. The owner/operator shall record the daily throughput of meal. [District NSR Rule and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
8. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. The particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92): [District Rule 4202] Federally Enforceable Through Title V Permit
11. Records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-7-9

EXPIRATION DATE: 11/30/2016

EQUIPMENT DESCRIPTION:

2,120 HP PREPARATION PROCESS UNIT WITH 126" CROWN IRON WORKS REDUCER, EXPANDERS, TWO (2) ROSKAMP 28X52 FLAKING MILLS, ONE (1) FERREL ROSS 24X48 HYD FLAKING MILL, ONE (1) KRUPPS EXPELLER, AND MECHANICAL AND PNEUMATIC TRANSFER SYSTEMS SERVED BY THREE (3) 36" 1D-3D CYCLONE COLLECTORS

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The maximum daily throughput of conditioned seed shall not exceed 1,400 ton/day when the mechanical conveyor system is used. [District NSR Rule] Federally Enforceable Through Title V Permit
3. In the event of a breakdown of the expeller conveyor system, the operator shall use the pneumatic conveyor backup system, and the District shall be notified immediately. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The maximum throughput of conditioned seed shall not exceed 420 tons per day when the pneumatic conveyor backup system is used. [District NSR Rule] Federally Enforceable Through Title V Permit
5. PM10 emissions from the preparation process unit shall not exceed 1.2 lb PM10/day. [District NSR Rule and District Rule 4202] Federally Enforceable Through Title V Permit
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
7. The particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
8. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
9. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Record of daily conditioned seed throughput for the preparation process unit shall be maintained, retained on-site for a period of at least five (5) years and made available for District inspection upon request. [District Rule 1070 and District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-8-10

EXPIRATION DATE: 11/30/2016

EQUIPMENT DESCRIPTION:

750 HP VEGETABLE OIL SOLVENT PLANT/REFINERY WITH CROWN IRON WORKS COMPANY EQUIPMENT INCLUDING A CROWN SERIES 900 EXTRACTOR, EVAPORATORS, A DESOLVENTIZER/TOASTER, AND ASSOCIATED EQUIPMENT SERVED BY THREE 30" 2D-2D CYCLONES

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Particulate matter emissions from the bag dumping system shall not exceed 1.5 pounds per hour. [District NSR Rule; District Rule 4202] Federally Enforceable Through Title V Permit
4. The Owner/Operator shall control the amount of fresh hexane so that the average rate over a three month period does not exceed 2,156 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The Owner/Operator shall maintain records such that daily vegetable oil seed material processing rates and hexane consumption can be determined. [District NSR Rule; District Rule 2520, 9.3.2; District Rule 4691, 6.1] Federally Enforceable Through Title V Permit
6. All vapors and gas streams from the extractor, wastewater reboiler, solvent-water separator, and dryer/toaster condenser shall be routed to the vent condenser and then to the mineral scrubber. [District NSR Rule; District Rule 4691, 5.2; Kings County Rule 410] Federally Enforceable Through Title V Permit
7. The condenser and mineral oil scrubber shall have a combined capture and control efficiency of at least 95 percent by weight. [District Rule 4691, 5.1; Kings County Rule 410] Federally Enforceable Through Title V Permit
8. The permittee shall conduct inspections at least once a month on all equipment in organic service for any indication of any leak of VOCs. Monthly inspections shall be done in accordance with EPA Method 21. [District Rule 4691, 5.3] Federally Enforceable Through Title V Permit
9. If a detected leakage level exceeds 10,000 ppm, or if leaks are visible, the leaking equipment shall be repaired within ten (10) days. [District Rule 4691, 5.3] Federally Enforceable Through Title V Permit
10. The owner/operator shall not use any equipment in organic service at the vegetable oil plant unless such equipment does not leak. [District Rule 4691, 5.4] Federally Enforceable Through Title V Permit
11. Emissions from leaks in equipment in organic service which have been tagged by the owner or operator for repair in accordance with the requirements of Section 6.1 of Rule 4691 (12/17/92) or which have been repaired and are waiting reinspection shall not constitute a violation of Section 5.4 of Rule 4691 (12/17/92). [District Rule 4691, 5.5] Federally Enforceable Through Title V Permit
12. The owner/operator shall comply with all the recordkeeping and monitoring requirements of section 6.0 of Rule 4691 (12/17/92). [District Rule 4691, 6.0] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. The owner/operator shall check the oil temperature at various points. The oil from the heater shall be between 230 °F and 255 °F. The oil from the cooler shall be less than 100 °F. [District Rule 4691, 5.1; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
14. The extractor shall run under a vacuum of at least 0.1 inches of water. [District Rule 4691, 5.1; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
15. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92), 4202 (12/17/92), and 4691 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
16. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
18. The owner/operator shall perform EPA Method 18 on an annual basis to determine compliance with District Rule 4691 (12/17/92). [District Rule 4691; District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
19. On and after compliance date, for each operating month, the permittee must calculate the compliance ratio in accordance with methods and procedures specified in 40 CFR 63.2840 (a), (b), and (d). The compliance ratio shall not exceed 1.0. [40 CFR 63.2840] Federally Enforceable Through Title V Permit
20. The permittee must meet all of the requirements listed in 40 CFR 63.2850(a) and Table 1 of section 63.2850 for sources under normal operation, and the schedules for demonstrating compliance for existing sources under normal operation in Table 2 of section 63.2850. [40 CFR 63.2850(b)] Federally Enforceable Through Title V Permit
21. The permittee shall submit an initial notification no later than 120 days after the effective date of this subpart. The notification shall include: 1) The name and address of the owner or operator; 2) The physical address of the vegetable oil production process; 3) Identification of the relevant standard, such as the vegetable oil production NESHAP, and compliance date; 4) A brief description of the source including the types of listed oilseeds processed, nominal operating capacity, and type of desolventizer(s) used; and 5) A statement designating the source as a major source of HAP. [40 CFR 63.2850(a)(1)(i)] Federally Enforceable Through Title V Permit
22. The permittee must submit a notification of compliance status report to the responsible agency no later than 60 days after determining the initial 12 operating months compliance ratio. This notification shall be submitted no later than 50 calendar months after the effective date of this subpart. The notification of compliance status must contain the items in 40 CFR section 63.2860(d)(1) - (6). [40 CFR 63.2850(a)(1)(iv)] Federally Enforceable Through Title V Permit
23. The permittee must develop and implement a written plan for demonstrating compliance that provides detailed procedures to monitor and record data necessary for demonstrating compliance with 40 CFR 63 Subpart GGGG. If any changes to the plan for demonstrating compliance are made, the permittee must keep all previous versions of the plan and make them readily available for inspection at least 5 years after each revision. The plan for demonstrating compliance must include the items in 40 CFR section 63.2851(a)(1) - (7). [40 CFR 63.2850(a)(2)] Federally Enforceable Through Title V Permit
24. The permittee must develop a written SSM (Startup, Shutdown, and Malfunction) plan in accordance with 40 CFR 63.6(e)(3) and implement the plan, when applicable. The SSM plan must be completed before the compliance date of the existing source providing detailed procedures for operating and maintaining the source to minimize emissions during a qualifying SSM event for which the source chooses the Sec. 63.2850(e)(2) malfunction period, or the Sec. 63.2850(c)(2) or (d)(2) initial startup period. The SSM plan must specify a program of corrective action for malfunctioning process and air pollution control equipment and reflect the best practices now in use by the industry to minimize emissions. [40 CFR 63.2850(a)(3)] Federally Enforceable Through Title V Permit
25. The recordkeeping requirements of section 63.2862 must be satisfied by the compliance date, if the source processes any listed oilseed, as defined in 40 CFR section 63.2872. The permittee shall record all the items listed in 40 CFR 63.2862(c)(1) - (3). [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

26. The permittee shall record the following items by the end of the calendar month following each operating month: 1) The 12 operating months rolling sum of the actual solvent loss in gallons as described in 40 CFR 63.2853(c); 2) The weighted average volume fraction of HAP in extraction solvent received for the previous 12 operating months as described in 40 CFR 63.2854(b)(3); 3) The 12 operating months rolling sum of each type of listed oilseed processed at the affected source in tons as described in 40 CFR 63.2855(c); 4) A determination of the compliance ratio. Using the values from 40 CFR 63.2853, 63.2854, 63.2855, and Table 1 of Section 63.2840, calculate the compliance ratio using Equation 2 of Section 63.2840; and 5) A statement of whether the source is in compliance with all of the requirements of this subpart. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit
27. For each SSM event subject to an initial startup period as described in Section 63.2850(c)(2) or (d)(2), or a malfunction period as described in Section 63.2850(e)(2), the permittee shall record the following items by the end of the calendar month following each month in which the initial startup period or malfunction period occurred: 1) A description and date of the SSM event, its duration, and reason it qualifies as an initial startup or malfunction; 2) An estimate of the solvent loss in gallons for the duration of the initial startup or malfunction period with supporting documentation; and 3) A checklist or other mechanism to indicate whether the SSM plan was followed during the initial startup or malfunction period. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit
28. Annual compliance certifications must be submitted 12 calendar months after submission of the initial notification of compliance status. Each subsequent annual compliance certification is due 12 calendar months after the previous annual compliance certification. The annual compliance certification provides the compliance status for each operating month during the 12 calendar months period ending 60 days prior to the date on which the report is due and includes the information in 40 CFR 63.2861(a)(1) - (6). [40 CFR 63.2850(a)(5)(i)] Federally Enforceable Through Title V Permit
29. Deviation notification report shall be submitted for each compliance determination made in which the compliance ratio exceeds 1.00 as determined under 40 CFR 63.2840(c). The report shall be submitted by the end of the month following the calendar month in which the deviation occurred. The deviation notification report must include the items in 40 CFR 63.2861(b)(1) - (4). [40 CFR 63.2861(b)(1)-(4)] Federally Enforceable Through Title V Permit
30. A periodic SSM report shall be submitted by the end of the calendar month following each month in which the initial startup period or malfunction period occurred. The periodic SSM report must include: 1) The name, title, and signature of a source's responsible official certifying that the report accurately states that all actions taken during the initial startup or malfunction period were consistent with the SSM plan; 2) A description of events occurring during the time period, the date and duration of the events, and reason the time interval qualifies as an initial startup period or malfunction period; and 3) An estimate of the solvent loss during the initial startup or malfunction period with supporting documentation. [40 CFR 63.2850(a)(5)(ii)] Federally Enforceable Through Title V Permit
31. If the source handle a SSM during an initial startup period subject to 40 CFR 63.2850(c)(2) or (d)(2) or a malfunction period subject to 40 CFR 63.2850(e)(2) differently from procedures in the SSM plan and the relevant emission requirements in 40 CFR 63.2840 are exceeded, then the permittee must submit an immediate SSM report consisting of a telephone call or facsimile transmission to the responsible agency within 2 working days after starting actions inconsistent with the SSM plan, followed by a letter within 7 working days after the end of the event. The letter must include the items listed in 40 CFR 63.2861(d)(1) - (3). [40 CFR 63.2850(a)(5)(iii)] Federally Enforceable Through Title V Permit
32. If the source experiences an unscheduled shutdown as a result of a malfunction, as defined in 40 CFR 63.2, continues to operate during a malfunction (including the period reasonably necessary to correct the malfunction), or starts up after a shutdown resulting from a malfunction, the permittee must choose to comply with one of the options listed in 40 CFR section 63.2850(e)(1)-(2) within 15 days of the beginning date of the malfunction. [40 CFR 63.2850(e)] Federally Enforceable Through Title V Permit
33. At the time of each annual source test for VOC, the permittee shall establish the temperature ranges of the outlet gas from the vent condenser, the temperature ranges of the inlet oil to the mineral oil scrubber (MOS), and the temperature ranges of the inlet oil to the mineral oil stripper. Minimum and maximum readings for each parameter shall be established during the annual source test. [40 CFR Part 64] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

34. Every fifteen minute of operation, the permittee shall record the temperature readings and compare the readings with the acceptable range established during the most recent annual source test. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
35. The owner or operator shall operate a monitoring system which is capable of monitoring and recording the mineral oil flowrate, in gallons per minute, through the mineral oil scrubber once every fifteen minutes. The mineral oil flowrate shall be maintained between 8 and 20 gallons per minute. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Devices used to measure temperatures and mineral oil flowrates shall be maintained in accordance with the manufacturer's specifications. [40 CFR Part 64] Federally Enforceable Through Title V Permit
37. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
38. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
39. 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 Part 64] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-11-9

EXPIRATION DATE: 11/30/2016

EQUIPMENT DESCRIPTION:

34.8 MMBTU/HR SUPERIOR SEMINOLE MODEL 6C-4000 BOILER EQUIPPED WITH LO NOX FGR AND SELECTIVE CATALYTIC REDUCTION DESIGNED TO OPERATE ON NATURAL GAS WITH NO 2 FUEL OIL AS BACKUP

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 NSR Rule] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-regulated natural gas, propane, or fuel oil #2 as a backup fuel with a sulfur content not to exceed 0.05%. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Propane consumption shall not exceed 4,400 gallons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
4. In the event #2 fuel oil must be used, no more than 5,239 gallons per day may be burned. [District NSR Rule] Federally Enforceable Through Title V Permit
5. In the event #2 fuel oil is burned, the applicant shall notify the District within 24 hours of firing with #2 fuel oil. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Further testing of the equipment as necessary for the determination of compliance with the rule and regulations of the District may be required at any time. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The owner/operator shall perform a visible emissions check using EPA Method 9 upon initial firing with fuel oil. Additional checks shall be performed using EPA Method 9 during any year in which fuel oil firing exceeds 200 hours. [District Rule 2520, 9.3.2 and District Rule 4101] Federally Enforceable Through Title V Permit
8. The unit shall be fired on fuel oil #2 only during natural gas curtailment for no more than 168 cumulative hours in a calendar year plus 48 hours per calendar year for equipment testing. [District NSR Rule and District Rules 4306, and 4320] Federally Enforceable Through Title V Permit
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 NOx at least once during that year using an APCO approved portable NOx analyzer. Monitoring for back-up fuel NOx 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 4306 and 4320] Federally Enforceable Through Title V Permit
10. Back-up fuel NOx 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 4306 and 4320] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. 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 4306 and 4320] Federally Enforceable Through Title V Permit
12. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
13. Except during start-up and shutdown, when fired on natural gas, emissions rates from the unit shall not exceed any of the following limits: 6 ppmv NO_x @ 3% O₂ or 0.007 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.005 lb-PM₁₀/MMBtu, 42 ppmv CO @ 3% O₂ or 0.031 lb-CO/MMBtu, or 0.00067 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
14. Except during start-up and shutdown, when fired on propane, emissions rates from the unit shall not exceed any of the following limits: 6 ppmv NO_x @ 3% O₂ or 0.007 lb-NO_x/MMBtu, 0.0109 lb-SO_x/MMBtu, 0.0066 lb-PM₁₀/MMBtu, 48 ppmv CO @ 3% O₂ or 0.035 lb-CO/MMBtu, or 0.00139 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
15. When fired on fuel oil #2, emissions rates from the unit shall not exceed any of the following limits: 112 ppmv NO_x @ 3% O₂ or 0.143 lb-NO_x/MMBtu, 0.0507 lb-SO_x/MMBtu, 0.0143 lb-PM₁₀/MMBtu, 46 ppmv CO @ 3% O₂ or 0.0357 lb-CO/MMBtu, or 0.0018 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
16. During start-up and shutdown, when fired on natural gas, emissions from the unit shall not exceed 30 ppmv NO_x @ 3% O₂ or 0.036 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.005 lb-PM₁₀/MMBtu, 42 ppmv CO @ 3% O₂ or 0.031 lb-CO/MMBtu, or 0.00067 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
17. During start-up and shutdown, when fired on propane, emissions from the unit shall not exceed 30 ppmv NO_x @ 3% O₂ or 0.036 lb-NO_x/MMBtu, 0.0109 lb-SO_x/MMBtu, 0.0066 lb-PM₁₀/MMBtu, 48 ppmv CO @ 3% O₂ or 0.035 lb-CO/MMBtu, or 0.00139 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
18. The total duration of startup and shutdown time combined shall not exceed either of the following limits: 2.0 hours per day or 104 hours per year. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
19. The ammonia emission rate shall not exceed 10 ppmvd @ 3% O₂ over a 15 minute averaging period. [District Rule 4102]
20. The permittee shall monitor and record the stack concentration of NO_x, CO, NH₃ and O₂ at least once during each month in which source testing is not performed. NO_x, CO and O₂ monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH₃ monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

21. If the NO_x, CO or NH₃ concentrations, as measured by the portable analyzer and Draeger tubes or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
22. 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, 4306, and 4320] Federally Enforceable Through Title V Permit
23. All NO_x, CO, O₂ and NH₃ emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO_x, CO and O₂ analyzer as well as the NH₃ emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
24. NH₃ emission readings shall be conducted at the time the NO_x, CO and O₂ readings are taken. The readings shall be converted to ppmvd @ 3% O₂. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
25. The permittee shall maintain records of: (1) the date and time of NO_x, CO, NH₃ and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x, CO and NH₃ concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
26. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, 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 NSR Rule and District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
27. The District shall be notified upon initial usage of propane fuel. The initial source test for propane shall be conducted within 60 days of initial start-up and to determine compliance with NO_x, CO, VOC, PM₁₀, SO_x, and NH₃ emission limits in this permit. [District NSR Rule and District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
28. Source testing to measure propane combustion NO_x, CO, and NH₃ emissions shall be required when propane usage exceeds 100 hours during the previous 12 months from the date of the proposed source test. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on propane, 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 NSR Rule and District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
29. The source plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

30. 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
31. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
32. CO emissions for source test purposes shall be determined using EPA Method 10 or EPA Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
33. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
34. Source testing for ammonia slip shall be conducted utilizing BAAQMD method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
35. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
36. 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
37. Daily and annual records of fuel oil, natural gas, and propane usage shall be kept. [District NSR Rule and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. Operator shall record all dates on which the unit is fired on any fuel other than PUC-regulated natural gas. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
39. Daily and annual records of start-up and shutdown durations and number of occurrences of each shall be kept. [District NSR Rule and District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. The permittee shall monitor and record the cumulative annual hours of operation when fired on fuel oil #2 during curtailment and testing. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
41. 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, 2520, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
42. Permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320] Federally Enforceable Through Title V Permit

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

ATTACHMENT B

Expired Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: C-1555-0-2

EXPIRATION DATE: 11/30/2007

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 (3/21/02). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.12.1] 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.

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 (11/15/01). 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 the Table of Standards of District Rule 4601 (10/31/01) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. All VOC-containing materials for architectural coatings subject to Rule 4601 (10/31/01) 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 (10/31/01). [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 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 82, Subpart B. [40 CFR 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 (11/15/01) or Rule 8011 (11/15/01). [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 (11/15/01) or Rule 8011 (11/15/01). [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 (11/15/01) or Rule 8011 (11/15/01). [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 (11/15/01) or Rule 8011 (11/15/01). [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 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 75 vehicle trips per day shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 100 vehicle trips per day shall comply with the requirements of Section 5.1.2 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 (11/15/01) or Rule 8011 (11/15/01). [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), and Rule 111 (Kern, Tulare, Kings). 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 (11/15/01); 4601, sections 5.1, 5.2, 5.3, 5.8 and 8.0 (10/31/01); 8021 (11/15/01); 8031 (11/15/01); 8041 (11/15/01); 8051 (11/15/01); 8061 (11/15/01); and 8071 (11/15/01). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. The reporting period for the Report of Required Monitoring and the Compliance Certification Report begin April 1st of every year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit
42. All Hexane storage tanks shall be operated as pressure vessels with working pressures sufficient at all times to prevent organic liquid loss to the atmosphere. [District Rule 4623, 4.1.1] Federally Enforceable Through Title V Permit
43. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
44. Should the facility, as defined in 40 CFR section 68.3, become subject to Part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 CFR section 68.10. The facility shall certify compliance as part of the annual certification as required by 40 CFR part 70. [40 CFR 68] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-2-4

EXPIRATION DATE: 11/30/2007

EQUIPMENT DESCRIPTION:

825 HP DECORTICATION OPERATION INCLUDING FOUR DECORTICATOR/SEPARATORS, FOUR HULL BEATERS, ONE SCALPER, AND NINE 1D-3D CYCLONES VENTED TO ONE CONTINENTAL AIR SYSTEMS MODEL 10-7 OUTFLOW-VAC ROTARY FILTER.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The rotary filter shall be operated in accordance with the manufacturer's specifications whenever the decortication process is operating. [District NSR Rule] Federally Enforceable Through Title V Permit
3. PM10 emissions shall not exceed 0.0074 lb PM10/ton seeds processed. [District NSR Rule; District Rule 4202] Federally Enforceable Through Title V Permit
4. Daily process rate of seed shall not exceed 1400 tons in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The owner/operator shall maintain daily records of the tons of seed processed. [District NSR Rule; District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
7. Dust collectors shall be inspected at least once every week while not in operation for any tears, holes, or malfunctions which might interfere with the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. The particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
10. Records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-3-8

EXPIRATION DATE: 11/30/2007

EQUIPMENT DESCRIPTION:

COMPLIANT DORMANT LINT REMOVAL PROCESS INCLUDING 2 (1D-2D) CYCLONE CLEANERS/RECLAIMERS, 19 (2D-2D) CYCLONE LINTERS, HULL BEATERS AND RECLAIMERS, AND 13 (1D-3D) CYCLONE CLEANERS/COLLECTORS (2,940 TOTAL HP)

PERMIT UNIT REQUIREMENTS

1. Repairs and maintenance including dismantling of equipment is authorized under this permit while this unit remains dormant. For any permanent changes or modifications to C-1555-3, the operator shall file for and receive an Authority to Construct permit authorizing such changes or modifications prior to recommencing operation. [District Rule 2010] Federally Enforceable Through Title V Permit
2. All machines/systems belonging to the lint removal process (C-1555-3) shall be physically disconnected from their power source or rendered non-operational. [District Rule 2010] Federally Enforceable Through Title V Permit
3. Provided that no permanent changes that might otherwise require ATC approval have taken place, the operator shall notify the District at least seven (7) calendar days prior to recommencing operation of this dormant emissions unit (DEU), at which time this permit will be administratively modified to remove DEU references. [District Rule 2010] Federally Enforceable Through Title V Permit
4. Upon recommencing operation, particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. Upon recommencing operation, material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4201] Federally Enforceable Through Title V Permit
6. Upon recommencing operation, 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 4102]
7. Compliance with the above conditions shall be considered compliance with District Rule 4201 (12/17/92). Therefore, a permit shield is granted from this requirement. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
8. Upon recommencing operation, dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Upon recommencing operation, records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Upon recommencing operation, the particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
11. Upon recommencing operation, records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

12. A source test to demonstrate compliance with the particulate matter (PM) emission rate limit (0.1 grains/dscf) on this permit shall be performed within 60 days of recommencing operation of this unit unless such a test has been completed within the previous five years. The owner/operator shall measure the PM emission rate from one representative cyclone using CARB Method 5. Source testing to demonstrate compliance with the PM emission rate limit on this permit shall be performed at least once every five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-6-5

EXPIRATION DATE: 11/30/2007

EQUIPMENT DESCRIPTION:

1,300 HP MEAL HANDLING PLANT SERVED BY TWELVE 2D-2D CYCLONE COLLECTORS.

PERMIT UNIT REQUIREMENTS

1. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. 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 NSR Rule] Federally Enforceable Through Title V Permit
4. The maximum throughput shall not exceed 1400 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Emissions from the pelletizer shall not exceed 33.6 lb PM10/day. [District NSR Rule; District Rule 4202] Federally Enforceable Through Title V Permit
6. The owner/operator shall record the daily throughput of meal. [District NSR Rule; District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
8. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. The particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
11. Records shall be maintained on the daily hours of operation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-7-7

EXPIRATION DATE: 11/30/2007

EQUIPMENT DESCRIPTION:

2,120 HP PREPARATION PROCESS UNIT WITH 126" CROWN IRON WORKS REDUCER, EXPANDERS, TWO (2) ROSKAMP 28X52 FLAKING MILLS, ONE (1) FERREL ROSS 24X48 HYD FLAKING MILL, ONE (1) KRUPPS EXPELLER, AND MECHANICAL AND PNEUMATIC TRANSFER SYSTEMS SERVED BY THREE (3) 36" 1D-3D CYCLONE COLLECTORS

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102] Federally Enforceable Through Title V Permit
2. 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 NSR Rule] Federally Enforceable Through Title V Permit
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] Federally Enforceable Through Title V Permit
4. The maximum daily throughput of conditioned seed shall not exceed 1,400 ton/day when the mechanical conveyor system is used. [District NSR Rule] Federally Enforceable Through Title V Permit
5. In the event of a breakdown of the expeller conveyor system, the operator shall use the pneumatic conveyor backup system, and the District shall be notified immediately. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The maximum throughput of conditioned seed shall not exceed 420 tons per day when the pneumatic conveyor backup system is used. [District NSR Rule] Federally Enforceable Through Title V Permit
7. PM10 emissions from the preparation process unit shall not exceed 1.2 lb PM10/day. [District NSR Rule; District Rule 4202] Federally Enforceable Through Title V Permit
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
9. The particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
10. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92) and 4202 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
11. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
12. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. Record of daily conditioned seed throughput for the preparation process unit shall be maintained, retained on-site for a period of at least five (5) years and made available for District inspection upon request. [District Rule 1070; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-8-9

EXPIRATION DATE: 11/30/2007

EQUIPMENT DESCRIPTION:

750 HP VEGETABLE OIL SOLVENT PLANT/REFINERY WITH CROWN IRON WORKS COMPANY EQUIPMENT INCLUDING A CROWN SERIES 900 EXTRACTOR, EVAPORATORS, A DESOLVENTIZER/TOASTER, ASSOCIATED EQUIPMENT SERVED BY THREE 30" 2D-2D CYCLONES AND TWO 6500 GALLONS SKIMMER/AERATION TANKS, ONE 10,000 GALLONS WASTE WATER STORAGE TANK, FOUR SUMPS, AND ONE 30,000 GALLONS EQUALIZATION TANK.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Particulate matter emissions from the bag dumping system shall not exceed 1.5 pounds per hour. [District NSR Rule; District Rule 4202] Federally Enforceable Through Title V Permit
4. The Owner/Operator shall control the amount of fresh hexane so that the average rate over a three month period does not exceed 2,156 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The Owner/Operator shall maintain records such that daily vegetable oil seed material processing rates and hexane consumption can be determined. [District NSR Rule; District Rule 2520, 9.4.2; District Rule 4691, 6.1] Federally Enforceable Through Title V Permit
6. All vapors and gas streams from the extractor, wastewater reboiler, solvent-water separator, and dryer/toaster condenser shall be routed to the vent condenser and then to the mineral scrubber. [District NSR Rule; District Rule 4691, 5.2; Kings County Rule 410] Federally Enforceable Through Title V Permit
7. The condenser and mineral oil scrubber shall have a combined capture and control efficiency of at least 95 percent by weight. [District Rule 4691, 5.1; Kings County Rule 410] Federally Enforceable Through Title V Permit
8. The permittee shall conduct inspections at least once a month on all equipment in organic service for any indication of any leak of VOCs. Monthly inspections shall be done in accordance with EPA Method 21. [District Rule 4691, 5.3] Federally Enforceable Through Title V Permit
9. If a detected leakage level exceeds 10,000 ppm, or if leaks are visible, the leaking equipment shall be repaired within ten (10) days. [District Rule 4691, 5.3] Federally Enforceable Through Title V Permit
10. The owner/operator shall not use any equipment in organic service at the vegetable oil plant unless such equipment does not leak. [District Rule 4691, 5.4] Federally Enforceable Through Title V Permit
11. Emissions from leaks in equipment in organic service which have been tagged by the owner or operator for repair in accordance with the requirements of Section 6.1 of Rule 4691 (12/17/92) or which have been repaired and are waiting reinspection shall not constitute a violation of Section 5.4 of Rule 4691 (12/17/92). [District Rule 4691, 5.5] Federally Enforceable Through Title V Permit
12. The owner/operator shall comply with all the recordkeeping and monitoring requirements of section 6.0 of Rule 4691 (12/17/97). [District Rule 4691, 6.0] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. The owner/operator shall check the oil temperature at various points. The oil from the heater shall be between 230 F and 255 F. The oil from the cooler shall be less than 100 F. [District Rule 4691, 5.1; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
14. The extractor shall run under a vacuum of at least 0.1 inches of water. [District Rule 4691, 5.1; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
15. Compliance with the above conditions shall be considered compliance with District Rules 4201 (12/17/92), 4202 (12/17/92), and 4691 (12/17/92). Therefore, a permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
16. Dust collectors shall be inspected at least once every week while in operation for any cracks, holes, or malfunctions which might decrease the PM collection efficiency, and shall be repaired or replaced as needed. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
17. Records of dust collector inspection, maintenance, and repair shall be maintained. These records shall include identification of the dust collector, date of inspection, any corrective action taken as a result of inspection, and initials of the personnel performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
18. The owner/operator shall perform EPA Method 18 on an annual basis to determine compliance with District Rule 4691 (12/17/92). [District Rule 4691; District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
19. On and after compliance date, for each operating month, the permittee must calculate the compliance ratio in accordance with methods and procedures specified in 40 CFR 63.2840 (a), (b), and (d). The compliance ratio shall not exceed 1.0. [40 CFR 63.2840] Federally Enforceable Through Title V Permit
20. The permittee must meet all of the requirements listed in 40 CFR 63.2850(a) and Table 1 of section ¹ 63.2850 for sources under normal operation, and the schedules for demonstrating compliance for existing sources under normal operation in Table 2 of section ¹ 63.2850. [40 CFR 63.2850(b)] Federally Enforceable Through Title V Permit
21. The permittee shall submit an initial notification no later than 120 days after the effective date of this subpart. The notification shall include: 1) The name and address of the owner or operator; 2) The physical address of the vegetable oil production process; 3) Identification of the relevant standard, such as the vegetable oil production NESHAP, and compliance date; 4) A brief description of the source including the types of listed oilseeds processed, nominal operating capacity, and type of desolventizer(s) used; and 5) A statement designating the source as a major source of HAP. [40 CFR 63.2850(a)(1)(i)] Federally Enforceable Through Title V Permit
22. The permittee must submit a notification of compliance status report to the responsible agency no later than 60 days after determining the initial 12 operating months compliance ratio. This notification shall be submitted no later than 50 calendar months after the effective date of this subpart. The notification of compliance status must contain the items in 40 CFR section ¹ 63.2860(d)(1) - (6). [40 CFR 63.2850(a)(1)(iv)] Federally Enforceable Through Title V Permit
23. The permittee must develop and implement a written plan for demonstrating compliance that provides detailed procedures to monitor and record data necessary for demonstrating compliance with 40 CFR 63 Subpart GGGG. If any changes to the plan for demonstrating compliance are made, the permittee must keep all previous versions of the plan and make them readily available for inspection at least 5 years after each revision. The plan for demonstrating compliance must include the items in 40 CFR section ¹ 63.2851(a)(1) - (7). [40 CFR 63.2850(a)(2)] Federally Enforceable Through Title V Permit
24. The permittee must develop a written SSM (Startup, Shutdown, and Malfunction) plan in accordance with 40 CFR 63.6(e)(3) and implement the plan, when applicable. The SSM plan must be completed before the compliance date of the existing source providing detailed procedures for operating and maintaining the source to minimize emissions during a qualifying SSM event for which the source chooses the Sec. ¹ 63.2850(e)(2) malfunction period, or the Sec. ¹ 63.2850(c)(2) or (d)(2) initial startup period. The SSM plan must specify a program of corrective action for malfunctioning process and air pollution control equipment and reflect the best practices now in use by the industry to minimize emissions. [40 CFR 63.2850(a)(3)] Federally Enforceable Through Title V Permit
25. The recordkeeping requirements of section ¹ 63.2862 must be satisfied by the compliance date, if the source processes any listed oilseed, as defined in 40 CFR section ¹ 63.2872. The permittee shall record all the items listed in 40 CFR 63.2862(c)(1)-(3). [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

26. The permittee shall record the following items by the end of the calendar month following each operating month: 1) The 12 operating months rolling sum of the actual solvent loss in gallons as described in 40 CFR 63.2853(c); 2) The weighted average volume fraction of HAP in extraction solvent received for the previous 12 operating months as described in 40 CFR 63.2854(b)(3); 3) The 12 operating months rolling sum of each type of listed oilseed processed at the affected source in tons as described in 40 CFR 63.2855(c); 4) A determination of the compliance ratio. Using the values from 40 CFR 63.2853, 63.2854, 63.2855, and Table 1 of Section [±] 63.2840, calculate the compliance ratio using Equation 2 of Sec. [±] 63.2840; and 5) A statement of whether the source is in compliance with all of the requirements of this subpart. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit
27. For each SSM event subject to an initial startup period as described in Section [±] 63.2850(c)(2) or (d)(2), or a malfunction period as described in Section [±] 63.2850(e)(2), the permittee shall record the following items by the end of the calendar month following each month in which the initial startup period or malfunction period occurred: 1) A description and date of the SSM event, its duration, and reason it qualifies as an initial startup or malfunction; 2) An estimate of the solvent loss in gallons for the duration of the initial startup or malfunction period with supporting documentation; and 3) A checklist or other mechanism to indicate whether the SSM plan was followed during the initial startup or malfunction period. [40 CFR 63.2850(a)(4)] Federally Enforceable Through Title V Permit
28. Annual compliance certifications must be submitted 12 calendar months after submission of the initial notification of compliance status. Each subsequent annual compliance certification is due 12 calendar months after the previous annual compliance certification. The annual compliance certification provides the compliance status for each operating month during the 12 calendar months period ending 60 days prior to the date on which the report is due and includes the information in 40 CFR 63.2861(a)(1) - (6). [40 CFR 63.2850(a)(5)(i)] Federally Enforceable Through Title V Permit
29. Deviation notification report shall be submitted for each compliance determination made in which the compliance ratio exceeds 1.00 as determined under 40 CFR 63.2840(c). The report shall be submitted by the end of the month following the calendar month in which the deviation occurred. The deviation notification report must include the items in 40 CFR 63.2861(b)(1) - (4). [40 CFR 63.2861(b)(1)-(4)] Federally Enforceable Through Title V Permit
30. A periodic SSM report shall be submitted by the end of the calendar month following each month in which the initial startup period or malfunction period occurred. The periodic SSM report must include: 1) The name, title, and signature of a source's responsible official certifying that the report accurately states that all actions taken during the initial startup or malfunction period were consistent with the SSM plan; 2) A description of events occurring during the time period, the date and duration of the events, and reason the time interval qualifies as an initial startup period or malfunction period; and 3) An estimate of the solvent loss during the initial startup or malfunction period with supporting documentation. [40 CFR 63.2850(a)(5)(ii)] Federally Enforceable Through Title V Permit
31. If the source handle a SSM during an initial startup period subject to 40 CFR 63.2850(c)(2) or (d)(2) or a malfunction period subject to 40 CFR 63.2850(e)(2) differently from procedures in the SSM plan and the relevant emission requirements in 40 CFR 63.2840 are exceeded, then the permittee must submit an immediate SSM report consisting of a telephone call or facsimile transmission to the responsible agency within 2 working days after starting actions inconsistent with the SSM plan, followed by a letter within 7 working days after the end of the event. The letter must include the items listed in 40 CFR 63.2861(d)(1) - (3). [40 CFR 63.2850(a)(5)(iii)] Federally Enforceable Through Title V Permit
32. If the source experiences an unscheduled shutdown as a result of a malfunction, as defined in 40 CFR [±] 63.2, continues to operate during a malfunction (including the period reasonably necessary to correct the malfunction), or starts up after a shutdown resulting from a malfunction, the permittee must choose to comply with one of the options listed in 40 CFR section [±] 63.2850(e)(1)-(2) within 15 days of the beginning date of the malfunction. [40 CFR 63.2850(e)] Federally Enforceable Through Title V Permit
33. At the time of each annual source test for VOC, the permittee shall establish the temperature ranges of the outlet gas from the vent condenser, the temperature ranges of the inlet oil to the mineral oil scrubber (MOS), and the temperature ranges of the inlet oil to the mineral oil stripper. Minimum and maximum readings for each parameter shall be established during the annual source test. [40 CFR Part 64] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

34. Every fifteen minute of operation, the permittee shall record the temperature readings and compare the readings with the acceptable range established during the most recent annual source test. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
35. The owner or operator shall operate a monitoring system which is capable of monitoring and recording the mineral oil flowrate, in gallons per minute, through the mineral oil scrubber once every fifteen minutes. The mineral oil flowrate shall be maintained between 8 and 20 gallons per minute. Upon detecting any excursion from the acceptable range of readings, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Devices used to measure temperatures and mineral oil flowrates shall be maintained in accordance with the manufacturer's specifications. [40 CFR Part 64] Federally Enforceable Through Title V Permit
37. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
38. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
39. 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 Part 64] Federally Enforceable Through Title V Permit
40. Permittee shall submit initial and actual startup notifications for replacing desolventizer/toaster unit as described in paragraphs (c)(1) and (2) of 40 CFR 63.2860(c). [40 CFR 63.2860(c)] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1555-11-8

EXPIRATION DATE: 11/30/2007

EQUIPMENT DESCRIPTION:

34.8 MMBTU/HR SUPERIOR SEMINOLE MODEL 6C-4000 BOILER EQUIPPED WITH LO NOX FGR AND SELECTIVE CATALYTIC REDUCTION DESIGNED TO OPERATE ON NATURAL GAS WITH NO 2 FUEL OIL AS BACKUP

PERMIT UNIT REQUIREMENTS

1. On and after July 1, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320]
2. 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 NSR Rule] Federally Enforceable Through Title V Permit
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] Federally Enforceable Through Title V Permit
4. The unit shall only be fired on PUC-regulated natural gas, propane, or fuel oil #2 as a backup fuel with a sulfur content not to exceed 0.05%. [District NSR Rule, District Rule 4301, 5.2.1, and 40 CFR § 60.42c(d)] Federally Enforceable Through Title V Permit
5. Propane consumption shall not exceed 4,400 gallons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. In the event #2 fuel oil must be used, no more than 5,239 gallons per day may be burned. [District NSR Rule] Federally Enforceable Through Title V Permit
7. In the event #2 fuel oil is burned, the applicant shall notify the District within 24 hours of firing with #2 fuel oil. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Further testing of the equipment as necessary for the determination of compliance with the rule and regulations of the District may be required at any time. [District NSR Rule] Federally Enforceable Through Title V Permit
9. The owner/operator shall perform a visible emissions check using EPA Method 9 upon initial firing with fuel oil. Additional checks shall be performed using EPA Method 9 during any year in which fuel oil firing exceeds 200 hours. [District Rule 2520, 9.4.2 and District Rule 4101] Federally Enforceable Through Title V Permit
10. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
11. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)] Federally Enforceable Through Title V Permit
12. If the unit is fired on diesel fuel that is not supplier-certified 0.05% sulfur content or less, then the sulfur content of the fuel being fired in the unit shall be determined using ASTM method D 1072, D 3031, D 4084 or D 3246. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. If the unit has a heat input capacity greater than 30 MMBtu/hr, and is at any time fired on oil, the operator shall, while fired on oil, limit the opacity of any discharged gases to 20% opacity (6 minute average) except for one 6 minute period per hour of not more than 27% opacity; Method 9 shall be used for determining the opacity of stack emissions at annual inspections while firing on diesel fuel. [40 CFR [±] 60.43c (c)(d) and 60.45c(a)(7)] Federally Enforceable Through Title V Permit
14. If the unit is fired on diesel fuel that is not supplier-certified 0.05% sulfur content or less, the sulfur content of each fuel source shall be tested weekly, except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be semi-annually. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
15. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
16. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by: ASTM D 240 or D 2382 for liquid hydrocarbon fuels; ASTM D 1826 or D 1945 in conjunction with ASTM D 3588 for gaseous fuels. [District Rule 2520, 9.3.2; 4305, 6.2.1; and 4351, 6.2.1] Federally Enforceable Through Title V Permit
17. Nitrogen oxide (NO_x) emission concentrations in ppmv referenced at dry stack emissions shall be corrected to 3% O₂ and lb/MMBtu rates shall be calculated as lb NO₂/MMBtu of heat input (hhv). [District Rule 4305, 8.1 and 4351, 8.1] Federally Enforceable Through Title V Permit
18. Operator of units simultaneously firing gaseous and liquid fuels shall install and maintain totalizing mass or volumetric flow rate meters in each fuel line to each unit. Volumetric flow rate meters shall be installed in conjunction with temperature and pressure measurement devices. [District Rule 4305, 5.3.1 and District Rule 4351, 5.6.1] Federally Enforceable Through Title V Permit
19. Operator shall monitor and record for each unit the hhv and cumulative annual use of each fuel. [District Rule 4305, 6.1.1 and District Rule 4351, 6.1.1] Federally Enforceable Through Title V Permit
20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), 408 and 409 (Kern), and 408 (all six remaining counties in the San Joaquin Valley); Rule 404 (Madera) 406 (Fresno), and 407 (all six remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
21. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201 and 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
22. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera). [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
23. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4305, Sec. 4.2, 5.1.1, 5.1.2., 5.4, 6.1.1, 6.2 (excepting 6.2.3), 6.3, 8.1 and Rule 4351 Sec 4.2, 5.2.2.1, 5.2.2.2, 6.1.1, 6.2 (excepting 6.2.3), 8.1. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
24. The requirements of 40 CFR 72.6(b) are not applicable because this is not an affected unit under the acid rain provisions. The requirements of 40 CFR 60.40c do not apply to this source because it is not used to produce electricity for sale. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
25. The unit shall be fired on fuel oil #2 only during natural gas curtailment for no more than 168 cumulative hours in a calendar year plus 48 hours per calendar year for equipment testing. [District NSR Rule and District Rules 4306, and 4320] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

26. 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 NOx at least once during that year using an APCO approved portable NOx analyzer. Monitoring for back-up fuel NOx 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 4306, and 4320] Federally Enforceable Through Title V Permit
27. Back-up fuel NOx 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 4306, and 4320] Federally Enforceable Through Title V Permit
28. The permittee shall maintain records of: (1) the date and time of back-up fuel NOx measurements, (2) the measured back-up fuel NOx 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 4306, and 4320] Federally Enforceable Through Title V Permit
29. Except during start-up and shutdown, when fired on natural gas, emissions rates from the unit shall not exceed any of the following limits: 6 ppmv NOx @ 3% O2 or 0.007 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.005 lb-PM10/MMBtu, 42 ppmv CO @ 3% O2 or 0.031 lb-CO/MMBtu, or 0.00067 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
30. Except during start-up and shutdown, when fired on propane, emissions rates from the unit shall not exceed any of the following limits: 6 ppmv NOx @ 3% O2 or 0.007 lb-NOx/MMBtu, 0.0109 lb-SOx/MMBtu, 0.0066 lb-PM10/MMBtu, 48 ppmv CO @ 3% O2 or 0.035 lb-CO/MMBtu, or 0.00139 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
31. When fired on fuel oil #2, emissions rates from the unit shall not exceed any of the following limits: 112 ppmv NOx @ 3% O2 or 0.143 lb-NOx/MMBtu, 0.0507 lb-SOx/MMBtu, 0.0143 lb-PM10/MMBtu, 46 ppmv CO @ 3% O2 or 0.0357 lb-CO/MMBtu, or 0.0018 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
32. During start-up and shutdown, when fired on natural gas, emissions from the unit shall not exceed 30 ppmv NOx @ 3% O2 or 0.036 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.005 lb-PM10/MMBtu, 42 ppmv CO @ 3% O2 or 0.031 lb-CO/MMBtu, or 0.00067 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
33. During start-up and shutdown, when fired on propane, emissions from the unit shall not exceed 30 ppmv NOx @ 3% O2 or 0.036 lb-NOx/MMBtu, 0.0109 lb-SOx/MMBtu, 0.0066 lb-PM10/MMBtu, 48 ppmv CO @ 3% O2 or 0.035 lb-CO/MMBtu, or 0.00139 lb-VOC/MMBtu. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
34. The total duration of startup and shutdown time combined shall not exceed either of the following limits: 2.0 hours per day or 104 hours per year. [District NSR Rule, and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
35. The ammonia emission rate shall not exceed 10 ppmvd @ 3% O2 over a 15 minute averaging period. [District Rule 4102] Federally Enforceable Through Title V Permit
36. The permittee shall monitor and record the stack concentration of NOx, CO, NH3 and O2 at least once during each month in which source testing is not performed. NOx, CO and O2 monitoring shall be conducted utilizing a portable analyzer that meets District specifications. NH3 monitoring shall be conducted utilizing Draeger tubes or a District approved equivalent method. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

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

37. If the NO_x, CO or NH₃ concentrations, as measured by the portable analyzer and Draeger tubes or the District approved ammonia monitoring equipment, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer or the ammonia monitoring equipment continue to show emission limit violations after 1 hour of operation following 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 that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
38. 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, 4306, and 4320] Federally Enforceable Through Title V Permit
39. All NO_x, CO, O₂ and NH₃ emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO_x, CO and O₂ analyzer as well as the NH₃ emission monitoring equipment shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
40. NH₃ emission readings shall be conducted at the time the NO_x, CO and O₂ readings are taken. The readings shall be converted to ppmvd @ 3% O₂. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
41. The permittee shall maintain records of: (1) the date and time of NO_x, CO, NH₃ and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x, CO and NH₃ concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, (5) the method of determining the NH₃ emission concentration, and (6) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
42. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted within 60 days of initial start-up. [District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
43. Source testing to measure natural gas combustion NO_x, CO, and NH₃ emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on natural gas, 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 NSR Rule and District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
44. The District shall be notified upon initial usage of propane fuel. The initial source test for propane shall be conducted within 60 days of initial start-up and to determine compliance with NO_x, CO, VOC, PM₁₀, SO_x, and NH₃ emission limits in this permit. [District NSR Rule and District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

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

45. Source testing to measure propane combustion NO_x, CO and NH₃ emissions shall be required when propane usage exceeds 100 hours during the previous 12 months from the date of the proposed source test. After demonstrating compliance on two (2) consecutive annual source tests when unit is fired on propane, 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 NSR Rule and District Rules 4102, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
46. The source plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
47. 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
48. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
49. CO emissions for source test purposes shall be determined using EPA Method 10 or EPA Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
50. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
51. Source testing for ammonia slip shall be conducted utilizing BAAQMD method ST-1B. [District Rule 1081] Federally Enforceable Through Title V Permit
52. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
53. 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
54. Daily and annual records of fuel oil, natural gas, and propane usage shall be kept. [District NSR Rule and District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
55. Operator shall record all dates on which the unit is fired on any fuel other than PUC-regulated natural gas. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
56. Daily and annual records of start-up and shutdown durations and number of occurrences of each shall be kept. [District NSR Rule and District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
57. The permittee shall monitor and record the cumulative annual hours of operation when fired on fuel oil #2 during curtailment and testing. [District NSR Rule and District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
58. 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, 2520, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

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

ATTACHMENT C

Detailed Facility List

Permit#	Equipment Description
C-1555-2-4	825 HP DECORTICATION OPERATION INCLUDING FOUR DECORTICATOR/SEPARATORS, FOUR HULL BEATERS, ONE SCALPER, AND NINE 1D-3D CYCLONES VENTED TO ONE CONTINENTAL AIR SYSTEMS MODEL 10-7 OTR-A-VAC ROTARY FILTER.
C-1555-3-8	COMPLIANT DORMANT LINT REMOVAL PROCESS INCLUDING 2 (1D-2D) CYCLONE CLEANERS/RECLAIMERS, 19 (2D-2D) CYCLONE LINTERS, HULL BEATERS AND RECLAIMERS, AND 13 (1D-3D) CYCLONE CLEANERS/COLLECTORS (2,940 TOTAL HP)
C-1555-6-5	1,300 HP MEAL HANDLING PLANT SERVED BY TWELVE 2D-2D CYCLONE COLLECTORS.
C-1555-7-7	2,120 HP PREPARATION PROCESS UNIT WITH 126" CROWN IRON WORKS REDUCER, EXPANDERS, TWO (2) ROSKAMP 28X52 FLAKING MILLS, ONE (1) FERREL ROSS 24X48 HYD FLAKING MILL, ONE (1) KRUPPS EXPPELLER, AND MECHANICAL AND PNEUMATIC TRANSFER SYSTEMS SERVED BY THREE (3) 36" 1D-3D CYCLONE COLLECTORS
C-1555-8-9	750 HP VEGETABLE OIL SOLVENT PLANT/REFINERY WITH CROWN IRON WORKS COMPANY EQUIPMENT INCLUDING A CROWN SERIES 900 EXTRACTOR, EVAPORATORS, A DESOLVENTIZER/TOASTER, ASSOCIATED EQUIPMENT SERVED BY THREE 30" 2D-2D CYCLONES AND TWO 6500 GALLONS SKIMMER/AERATION TANKS, ONE 10,000 GALLONS WASTE WATER STORAGE TANK, FOUR SUMPS, AND ONE 30,000 GALLONS EQUALIZATION TANK.
C-1555-11-8	34.8 MMBTU/HR SUPERIOR SEMINOLE MODEL 6C-4000 BOILER EQUIPPED WITH LO NOX FGR AND SELECTIVE CATALYTIC REDUCTION DESIGNED TO OPERATE ON NATURAL GAS WITH NO 2 FUEL OIL AS BACKUP

ATTACHMENT D

Current District Rule SIP Comparison

Stringency Comparison of District Rule 4601 Non-SIP Version (12/17/09) to Current SIP Version (10/31/01)

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
2.0 Applicability	This rule is applicable to any person who supplies, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures any architectural coating for use within the District.	This rule is applicable to any person who supplies, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures, blends or repackages any architectural coating for use within the District.	No change in the applicability, therefore, non-SIP version of rule is as stringent as SIP version.
4.0 Exemptions	<p>The provisions of this rule shall not apply to:</p> <p>4.1 Any architectural coating that is sold or manufactured for use outside of the District or for shipment to other manufacturers for reformulation or repackaging.</p> <p>4.2 Any architectural coating that is sold in a containers with a volume of one liter (1.057 quarts) or less.</p> <p>4.3 Any aerosol coating product.</p>	<p>4.1 The provisions of this rule shall not apply to:</p> <p>4.1.1 Any architectural coating that is supplied, sold, offered for sale, or manufactured for use outside of the District or for shipment to other manufacturers for reformulation or repackaging.</p> <p>4.1.2 Any aerosol coating product.</p> <p>4.2 With the exception of Section 6.2, the provisions of this rule shall not apply to any architectural coating that is sold in a container with a volume of one liter (1.057 quarts) or less.</p>	The only change is to require reporting requirements as discussed in Section 6.2 of the non-SIP approved version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.
5.0 Requirements	Note: Section 5.0 requirements refer to Table of Standards, Table of Standards 1, and Table of Standards 2. These tables are included as Attachment X.		
	<p>5.1 VOC Content Limits: Except as provided in Sections 5.2, 5.3, 5.8 and 8.0, no person shall;</p> <p>5.1.1 manufacture, blend, or repackage for sale within the District;</p> <p>5.1.2 supply, sell, or offer for sale within the district;</p> <p>5.1.3 solicit for application or apply within the District any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards, after the specified effective date in the Table of Standards.</p>	<p>5.1 VOC Content Limits: Except as provided in Sections 5.2 and 5.3, no person shall: manufacture, blend, or repackage for use within the District; or supply, sell, or offer for sale within the District; or solicit for application or apply within the District any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards 1 or the Table of Standards 2, after the specified effective date in the Table of Standards 1 or the Table of Standards 2. Limits are expressed as VOC Regulatory, thinned to the manufacturer's maximum thinning recommendation, excluding any colorant added to tint bases.</p>	Sections 5.8 and 8.0 of the SIP version are not included in the non-SIP version. As discussed in corresponding sections the non-SIP version is more stringent. The Table of Standards and Table of Standards 1 have the same VOC limits. Table of Standard 2 is more stringent as discussed below. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.
	<p>5.2 Most Restrictive VOC Limit: If anywhere on the container of any architectural coating, or any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a manufacturer or anyone acting on their behalf, any representation is made that indicates that the coating meets the definition of or is recommended for use for more than one of the coating categories listed in the Table of Standards, then the most restrictive VOC content limit shall apply. This provision does not apply to the following coating categories:</p> <p>5.2.1 Lacquer coatings (including lacquer sanding sealers)</p> <p>5.2.2 Metallic pigmented coatings</p> <p>5.2.3 Shellacs</p> <p>5.2.4 Fire-retardant coatings</p> <p>5.2.5 Pretreatment wash primers</p> <p>5.2.6 Industrial maintenance coatings</p> <p>5.2.7 Low-solids coatings</p>	<p>5.2 Most Restrictive VOC Limit: If a coating meets the definition in Section 3.0 for one or more specialty coating categories listed in the Table of Standards 1 or the Table of Standards 2, then that coating is not required to meet the VOC limits for Flat, Nonflat, or Nonflat – High Gloss coatings, but is required to meet the VOC limit for the applicable specialty coating listed in the Table of Standards 1 or the Table of Standards 2.</p> <p>5.2.1 Effective until December 31, 2010, with the exception of the specialty coating categories specified in Section 5.2.3.1 through 5.2.3.15, if a coating is recommended for use in more than one of the specialty coating categories listed in the Table of Standards 1, the most restrictive (or lowest) VOC content limit shall apply.</p> <p>5.2.2 Effective on and after January 1, 2011, with the exception of the</p>	The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>5.2.8 Wood preservatives 5.2.9 High temperature coatings 5.2.10 Temperature-indicator safety coatings 5.2.11 Antenna coatings 5.2.12 Antifouling coatings 5.2.13 Flow coatings 5.2.14 Bituminous roof primers 5.2.15 Specialty primers, sealers and undercoaters</p>	<p>specialty coating categories specified in Sections 5.2.3.2, 5.2.3.3, 5.2.3.5 through 5.2.3.9, and 5.2.3.14 through 5.2.3.18, if a coating is recommended for use in more than one of the specialty coating categories listed in the Table of Standards 2, the most restrictive (or lowest) VOC content limit shall apply.</p> <p>5.2.3 This requirement applies to: usage recommendations that appear anywhere on the coating container, anywhere on any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a manufacturer or anyone acting on their behalf.</p> <p>5.2.3.1 Lacquer coatings (including lacquer sanding sealers) 5.2.3.2 Metallic pigmented coatings 5.2.3.3 Shellacs 5.2.3.4 Fire-retardant coatings 5.2.3.5 Pretreatment wash primers 5.2.3.6 Industrial maintenance coatings 5.2.3.7 Low-solids coatings 5.2.3.8 Wood preservatives 5.2.3.9 High temperature coatings 5.2.3.10 Temperature-indicator safety coatings 5.2.3.11 Antenna coatings 5.2.3.12 Antifouling coatings 5.2.3.13 Flow coatings 5.2.3.14 Bituminous roof primers 5.2.3.15 Specialty primers, sealers and undercoaters 5.2.3.16 Aluminum roof coatings 5.2.3.17 Zinc-rich primers 5.2.3.18 Wood Coatings</p>	
	<p>5.3 Sell-Through of Coatings: 5.3.1 A coating manufactured prior to the January 1, 2003 or January 1, 2004 effective date specified for that coating in the Table of Standards may be sold, supplied, or offered for sale for up to three years after the specified effective date. In addition, a coating manufactured before the effective date specified for that coating in the Table of Standards may be applied at any time, both before and after the specified effective date, so long as the coating complied with the standards in effect at the time the coating was manufactured. This Section 5.3 does not apply to any coating that does not display the date or date-code required by Section 6.1.1. 5.3.2 A coating included in an approved Averaging Program that does not comply with the specified limit in the</p>	<p>5.3 Sell-Through of Coatings: A coating manufactured prior to the effective date specified for that coating in the Table of Standards 1 or the Table of Standards 2, and that complied with the standards in effect at the time the coating was manufactured, may be sold, supplied, or offered for sale for up to three years after the specified effective date. In addition, a coating manufactured before the effective date specified for that coating in the Table of Standards 1 or the Table of Standards 2 may be applied at any time, both before and after the specified effective date, so long as the coating complied with the standards in effect at the time the coating was manufactured. This Section 5.3 does not apply to any coating that does not display the date or date-code required by Section 6.1.1.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Section 5.3.2 was removed it is no longer applicable in the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>Table of Standards may be sold, supplied, or offered for sale for up to three years after the end of the compliance period specified in the approved Averaging Program. In addition, such a coating may be applied at any time, both during and after the compliance period. This Section 5.3.2 does not apply to any coating that does not display on the container either the statement: "This product is subject to architectural coatings averaging provisions in California" or a substitute symbol specified by the Executive Officer of the California Air Resources Board (ARB). This Section 5.3.2 shall remain in effect until January 1, 2008.</p>		
5.4	<p>Painting Practices: All architectural coating containers used to apply the contents therein to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging or other means, shall be closed when not in use. These architectural coating containers include, but are not limited to, drums, buckets, cans, pails, trays or other application containers. Containers of any VOC containing materials used for thinning and cleanup shall also be closed when not in use.</p>	<p>Painting Practices: All architectural coating containers used to apply the contents therein to a surface directly from the container by pouring, siphoning, brushing, rolling, padding, ragging or other means, shall be closed when not in use. These architectural coating containers include, but are not limited to, drums, buckets, cans, pails, trays or other application containers. Containers of any VOC-containing materials used for thinning and cleanup shall also be closed when not in use.</p>	<p>No change in the requirements, therefore, non-SIP version of rule is as stringent as SIP version.</p>
5.5	<p>Thinning: No person who applies or solicits the application of any architectural coating shall apply a coating that is thinned to exceed the applicable VOC limit specified in the Table of Standards.</p>	<p>Thinning: No person who applies or solicits the application of any architectural coating shall apply a coating that is thinned to exceed the applicable VOC limit specified in the Table of Standards 1 or the Table of Standards 2.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>
5.6	<p>Rust Preventative Coatings: Effective January 1, 2004, no person shall apply or solicit the application of any rust preventative coating for industrial use, unless such a rust preventative coating complies with the industrial maintenance coating VOC limit specified in the Table of Standards.</p>	<p>Rust Preventative Coatings: Effective through December 31, 2010, no person shall apply or solicit the application of any rust preventative coating for industrial use, unless such a rust preventative coating complies with the industrial maintenance coating VOC limit specified in the Table of Standards 1.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>
5.7	<p>Coatings Not Listed in the Table of Standards: For any coating that does not meet any of the definitions for the specialty coatings categories listed in the Table of Standards, the VOC content limit shall be determined by classifying the coating as a flat coating or a nonflat coating, based on its gloss, as defined in Sections 3.21, 3.36 and 3.37 and the corresponding flat or nonflat VOC limit shall apply.</p>	<p>Coatings Not Listed in the Table of Standards 1 or the Table of Standards 2: For any coating that does not meet any of the definitions for the specialty coatings categories listed in the Table of Standards 1 or the Table of Standards 2, the VOC content limit shall be determined by classifying the coating as a Flat, Nonflat, or Nonflat – High Gloss coating, based on its gloss, and the corresponding Flat, Nonflat, or Nonflat – High Gloss VOC limit in the Table of Standards 1 or the Table of Standards 2 shall apply.</p>	<p>The VOC limit of the non-SIP version is at least as stringent as the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>
5.8	<p>Lacquers: Notwithstanding the provisions of Section 3.1, a person or facility may add up to 10 percent by volume of VOC to a lacquer to avoid blushing of the finish during days with relative humidity greater</p>	---	<p>This section has been removed. The operation is required to meet the lacquer VOC limit regardless of</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	than 70 percent and temperature below 65°F, at the time of application, provided that the coating contains acetone and no more than 550 grams of VOC per liter of coating, less water and exempt compounds, prior to the addition of VOC.		temperature and humidity. Therefore, non-SIP version of rule is as stringent as SIP version
	5.9 Averaging Compliance Option: On or after January 1, 2003, in lieu of compliance with the specified limits in The Table of Standards for floor coatings; industrial maintenance coatings; primers, sealers, and undercoaters; quick-dry primers, sealers, and undercoaters; quick-dry enamels; roof coatings; bituminous roof coatings; rust preventative coatings; stains; waterproofing sealers, as well as flats and non-flats (excluding recycled coatings), manufacturers may average designated coatings such that their actual cumulative emissions from the averaged coatings are less than or equal to the cumulative emissions that would have been allowed under those limits over a compliance period not to exceed one year. Such manufacturers must also comply with the averaging provisions contained in Section 8.0, as well as maintain and make available for inspection records for at least three years after the end of the compliance period. This Section 5.9 and Section 8.0 shall cease to be effective on January 1, 2005, after which averaging will no longer be allowed.	---	This section is removed from the non-SIP version, it is no longer applicable. Therefore, non-SIP version of rule is as stringent as SIP version.
	---	5.8 Prior to January 1, 2011, any coating that meets a definition in Section 3.0 for a coating category listed in the Table of Standards 2 and complies with the applicable VOC limit in the Table of Standards 2 and with Sections 5.2 and 6.1 (including those provision of Section 6.1 otherwise effective on January 1, 2011) shall be considered in compliance with this rule.	Table of Standards 2 is more stringent than the VOC limits of Table of Standards in the SIP-Approved version. Therefore, non-SIP version of rule is as stringent as SIP version.
Table of Standards (See Attachment X for Table)		Table of Standards 1 (Effective through 12/31/10) (See Attachment X for Table)	The non-SIP rule requirements are the same as the Table of Standards in the SIP approved rule, except Table of Standards 1 expires at which time Table of Standards 2 is in effect. As discussed below these standards are more stringent. Therefore, non-SIP version of rule is as stringent as SIP version.
		Table of Standards 2 (Effective on and after 1/1/11) (See Attachment X for Table)	The requirements of Table of Standards 2 are more stringent than the Table of Standards in the SIP rule. Therefore, non-SIP version of rule is as stringent as SIP version.
6.0 Administrative Requirements	6.1 Labeling Requirements: Each manufacturer of any architectural coating subject to this rule shall display the information listed in Sections	6.1 Labeling Requirements: Each manufacturer of any architectural coating subject to this rule shall display the	The non-SIP approved rule contain sections listed in the SIP rule plus

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>6.1.1 through 6.1.9 on the coating container (or label) in which the coating is sold or distributed.</p> <p>6.1.1 Date Code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid or bottom of the container. If the manufacturer uses a date code for any coating, the manufacturer shall file an explanation of each code with the Executive Officer of the ARB.</p> <p>6.1.2 Thinning Recommendations: A statement of the manufacturer's recommendation regarding thinning of the coating shall be indicated on the label or lid of the container. This requirement does not apply to the thinning of architectural coatings with water. If thinning of the coating prior to use is not necessary, the recommendation must specify that the coating is to be applied without thinning.</p> <p>6.1.3 VOC Content: Each container of any coating subject to this rule shall display either the maximum or actual VOC content of the coating, as supplied, including the maximum thinning as recommended by the manufacturer. VOC content shall be displayed in grams of VOC per liter of coating. VOC content displayed shall be calculated using product formulation data, or shall be determined using the test methods in Section</p> <p>6.3.1. The equations in Sections 3.25 or 3.26, as appropriate, shall be used to calculate VOC content.</p> <p>6.1.4 Industrial Maintenance Coatings: In addition to the information specified in Sections 6.1.1, 6.1.2 and 6.1.3, each manufacturer of any industrial maintenance coating subject to this rule shall display on the label or lid of the container in which the coating is sold or distributed one or more of the following descriptions listed in Section 6.1.4.1 through 6.1.4.3.</p> <p>6.1.4.1 "For industrial use only"</p> <p>6.1.4.2 "For professional use only"</p> <p>6.1.4.3 "Not for residential use" or "Not intended for residential use"</p> <p>6.1.5 Clear Brushing Lacquers: Effective January 1, 2003, the labels of all clear brushing lacquers shall prominently display the statements "For brush application only," and "This product must not be thinned or sprayed."</p> <p>6.1.6 Rust Preventative Coatings: Effective January 1, 2003, the labels of all rust preventative coatings shall prominently display the statement "For Metal Substrates Only"</p> <p>6.1.7 Specialty Primers, Sealers and Undercoaters: Effective January 1, 2003, the labels of all specialty primers, sealers and undercoaters shall prominently</p>	<p>information listed in Sections 6.1.1 through 6.1.14 on the coating container (or label) in which the coating is sold or distributed.</p> <p>6.1.1 Date Code: The date the coating was manufactured, or a date code representing the date, shall be indicated on the label, lid or bottom of the container. If the manufacturer uses a date code for any coating, the manufacturer shall file an explanation of each code with the Executive Officer of the ARB.</p> <p>6.1.2 Thinning Recommendations: A statement of the manufacturer's recommendation regarding thinning of the coating shall be indicated on the label or lid of the container. This requirement does not apply to the thinning of architectural coatings with water. If thinning of the coating prior to use is not necessary, the recommendation must specify that the coating is to be applied without thinning.</p> <p>6.1.3 VOC Content: Each container of any coating subject to this rule shall display one of the following values, in grams of VOC per liter of coating:</p> <p>6.1.3.1 Maximum VOC Content, as determined from all potential product formulations; or</p> <p>6.1.3.2 VOC Content, as determined from actual formulation data; or</p> <p>6.1.3.3 VOC Content, as determined using the test methods in Section 6.3.2.</p> <p>If the manufacturer does not recommend thinning, the container must display the VOC Content, as supplied. If the manufacturer recommends thinning, the container must display the VOC Content, including the maximum amount of thinning solvent recommended by the manufacturer. If the coating is a multicomponent product, the container must display the VOC content as mixed or catalyzed. If the coating contains silanes, siloxanes, or other ingredients that generate ethanol or other VOCs during the curing process, the VOC content must include the VOCs emitted during curing.</p> <p>6.1.4 Faux Finishing Coatings: Effective January 1, 2011, the labels of all clear topcoat Faux Finishing coatings shall prominently display the statement "This product can only be sold or used as part of a Faux Finishing coating system".</p> <p>6.1.5 Industrial Maintenance Coatings: Each manufacturer of any industrial maintenance coating subject to this rule shall display on the label or lid of</p>	<p>additional requirements not found in the SIP version. Therefore, non-SIP version of rule is as stringent as SIP version.</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>display one or more of the descriptions listed in Section</p> <p>6.1.7.1 through 6.1.7.5.</p> <p>6.1.7.1 For blocking stains.</p> <p>6.1.7.2 For fire-damaged substrates.</p> <p>6.1.7.3 For smoke-damaged substrates.</p> <p>6.1.7.4 For water-damaged substrates.</p> <p>6.1.7.5 For excessively chalky substrates.</p> <p>6.1.8 Quick Dry Enamels: Effective January 1, 2003, the labels of all quick dry enamels shall prominently display the words "Quick Dry" and the dry hard time.</p> <p>6.1.9 Non-flat – High Gloss Coatings: Effective January 1, 2003, the labels of all non-flat – high gloss coatings shall prominently display the words "High Gloss".</p>	<p>the container in which the coating is sold or distributed one or more of the following descriptions listed in Section 6.1.5.1 through 6.1.5.3.</p> <p>6.1.5.1 "For industrial use only"</p> <p>6.1.5.2 "For professional use only"</p> <p>6.1.5.3 "Not for residential use" or "Not intended for residential use"</p> <p>6.1.6 Clear Brushing Lacquers: The labels of all clear brushing lacquers shall prominently display the statements "For brush application only," and "This product must not be thinned or sprayed." (Category deleted effective January 1, 2011.)</p> <p>6.1.7 Rust Preventative Coatings: The labels of all rust preventative coatings shall prominently display the statement "For Metal Substrates Only".</p> <p>6.1.8 Specialty Primers, Sealers and Undercoaters: Effective until December 31, 2010, the labels of all specialty primers, sealers and undercoaters shall prominently display one or more of the descriptions listed in Section 6.1.8.1 through 6.1.8.5. Effective on and after January 1, 2011, the labels of all specialty primers, sealers, and undercoaters shall prominently display one or more of the descriptions listed in Sections 6.1.8.1 through 6.1.8.3. On and after January 1, 2011, Sections 6.1.8.4 and 6.1.8.5 will be no longer effective.</p> <p>6.1.8.1 For fire-damaged substrates.</p> <p>6.1.8.2 For smoke-damaged substrates.</p> <p>6.1.8.3 For water-damaged substrates.</p> <p>6.1.8.4 For excessively chalky substrates.</p> <p>6.1.8.5 For blocking stains.</p> <p>6.1.9 Quick Dry Enamels: The labels of all quick dry enamels shall prominently display the words "Quick Dry" and the dry hard time. (Category deleted effective January 1, 2011.)</p> <p>6.1.10 Reactive Penetrating Sealers: Effective January 1, 2011, the labels of all Reactive Penetrating Sealers shall prominently display the statement "Reactive Penetrating Sealer."</p> <p>6.1.11 Stone Consolidants: Effective January 1, 2011, the labels of all Stone Consolidants shall prominently display the statement "Stone Consolidant - For Professional Use Only."</p> <p>6.1.12 Nonflat– High Gloss Coatings: The labels of all Nonflat – high gloss coatings shall prominently display the words "High Gloss."</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
		<p>6.1.13 Wood Coatings: Effective January 1, 2011, the labels of all Wood Coatings shall prominently display the statement "For Wood Substrates Only."</p> <p>6.1.14 Zinc Rich Primers: Effective January 1, 2011, the labels of all Zinc Rich Primers shall prominently display one or more of the following descriptions listed in Section 6.1.14.1 through 6.1.14.3.</p> <p>6.1.14.1 "For industrial use only"</p> <p>6.1.14.2 "For professional use only"</p> <p>6.1.14.3 "Not for residential use" or "Not intended for residential use"</p>	
	<p>6.2 Reporting Requirements</p> <p>6.2.1 Clear Brushing Lacquers: Each manufacturer of clear brushing lacquers shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of clear brushing lacquers sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.2 Rust Preventative Coatings: Each manufacturer of rust preventative coatings shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of rust preventative coatings sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.3 Specialty Primers, Sealers and Undercoaters: Each manufacturer of specialty primers, sealers and undercoaters shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of specialty primers, sealers and undercoaters sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.4 Toxic Exempt Compounds: For each architectural coating that contains perchloroethylene or methylene chloride, the manufacturer shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB the following information for products sold in the State during the preceding year:</p> <p>6.2.4.1 the product brand name and a copy of the product label with legible usage instructions;</p>	<p>6.2 Reporting Requirements</p> <p>The reporting requirements specified in Sections 6.2.1 through 6.2.6 shall apply until December 31, 2010.</p> <p>6.2.1 Clear Brushing Lacquers: Each manufacturer of clear brushing lacquers shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of clear brushing lacquers sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.2 Rust Preventative Coatings: Each manufacturer of rust preventative coatings shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of rust preventative coatings sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.3 Specialty Primers, Sealers and Undercoaters: Each manufacturer of specialty primers, sealers and undercoaters shall, on or before April 1 of each calendar year beginning in the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall specify the number of gallons of specialty primers, sealers and undercoaters sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p> <p>6.2.4 Toxic Exempt Compounds: For each architectural coating that contains perchloroethylene or methylene chloride, the manufacturer shall, on or before April 1 of each calendar year beginning in the year 2004, submit an</p>	<p>Until December 31, 2010 both versions of the rule have the same reporting requirements. After that date the non-SIP approved rule includes very specific information to be kept and is required for all architectural coatings. Therefore, non-SIP version of rule is as stringent as SIP version.</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>6.2.4.2 the product category listed in the Table of Standards to which the coating belongs;</p> <p>6.2.4.3 the total sales in California during the calendar year to the nearest gallon;</p> <p>6.2.4.4 the volume percent, to the nearest 0.10 percent, of perchloroethylene and methylene chloride in the coating.</p> <p>6.2.5 Recycled Coatings: Manufacturers of recycled coatings must submit a letter to the Executive Officer of the ARB certifying their status as a Recycled Paint Manufacturer. The manufacturer shall, on or before April 1 of each calendar year beginning with the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall include, for all recycled coatings, the total number of gallons distributed in the State during the preceding year, and shall describe the method used by the manufacturer to calculate State distribution.</p> <p>6.2.6 Bituminous Coatings: Each manufacturer of bituminous roof coatings or bituminous roof primers shall, on or before April 1 of each calendar year beginning with the year 2004, submit an annual report to the Executive Officer of ARB. The report shall specify the number of gallons of bituminous roof coatings or bituminous roof primers sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate State sales.</p>	<p>annual report to the Executive Officer of the ARB the following information for products sold in the State during the preceding year:</p> <p>6.2.4.1 the product brand name and a copy of the product label with legible usage instructions;</p> <p>6.2.4.2 the product category listed in the Table of Standards 1 or the Table of Standards 2 to which the coating belongs;</p> <p>6.2.4.3 the total sales in California during the calendar year to the nearest gallon;</p> <p>6.2.4.4 the volume percent, to the nearest 0.10 percent, of perchloroethylene and methylene chloride in the coating.</p> <p>6.2.5 Recycled Coatings: Manufacturers of recycled coatings must submit a letter to the Executive Officer of the ARB certifying their status as a Recycled Paint Manufacturer. The manufacturer shall, on or before April 1 of each calendar year beginning with the year 2004, submit an annual report to the Executive Officer of the ARB. The report shall include, for all recycled coatings, the total number of gallons distributed in the State during the preceding year, and shall describe the method used by the manufacturer to calculate State distribution.</p> <p>6.2.6 Bituminous Coatings: Each manufacturer of bituminous roof coatings or bituminous roof primers shall, on or before April 1 of each calendar year beginning with the year 2004, submit an annual report to the Executive Officer of ARB. The report shall specify the number of gallons of bituminous roof coatings or bituminous roof primers sold in the State during the preceding calendar year, and shall describe the method used by the manufacturer to calculate state sales.</p> <p>6.2.7 Effective on and after January 1, 2011, Sales Data: All sales data listed in Sections 6.2.7.1 to 6.2.7.14 shall be maintained on-site by the responsible official for a minimum of three years. A responsible official from each manufacturer shall upon request of the Executive Officer of the ARB, or his or her delegate, provide data concerning the distribution and sales of architectural coatings. Sales data submitted by the responsible official to the Executive Officer of the ARB may be claimed as confidential, and such information shall be handled in accordance with the procedures specified in Title 17,</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
		<p>California Code of Regulations Sections 91000-91022. The responsible official shall within 180 days provide information, including, but not limited to the data listed in Sections 6.2.7.1 through 6.2.7.14:</p> <ul style="list-style-type: none"> 6.2.7.1 the name and mailing address of the manufacturer; 6.2.7.2 the name, address and telephone number of a contact person; 6.2.7.3 the name of the coating product as it appears on the label and the applicable coating category; 6.2.7.4 whether the product is marketed for interior or exterior use or both; 6.2.7.5 the number of gallons sold in California in containers greater than one liter (1.057 quart) and equal to or less than one liter (1.057 quart); 6.2.7.6 the VOC Actual content and VOC Regulatory content in grams per liter. If thinning is recommended, list the VOC Actual content and VOC Regulatory content after maximum recommended thinning. If containers less than one liter have a different VOC content than containers greater than one liter, list separately. If the coating is a multi-component product, provide the VOC content as mixed or catalyzed; 6.2.7.7 the names and CAS numbers of the VOC constituents in the product; 6.2.7.8 the names and CAS numbers of any compounds in the product specifically exempted from the VOC definition; 6.2.7.9 whether the product is marketed as solvent-borne, waterborne, or 100% solids; 6.2.7.10 description of resin or binder in the product; 6.2.7.11 whether the coating is a single-component or multi-component product; 6.2.7.12 the density of the product in pounds per gallon; 6.2.7.13 the percent by weight of: solids, all volatile materials, water, and any compounds in the product specifically exempted from the VOC definition; and 6.2.7.14 the percent by volume of: solids, water, and any compounds in the product specifically exempted from the VOC definition. 	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>6.3 Test Methods</p> <p>6.3.1 VOC Content of Coatings: To determine the physical properties of a coating in order to perform the calculations in Section 3.26 and 3.27, the reference method for VOC content is U.S. EPA Method 24, except as provided in Sections 6.3.2 and 6.3.15. An alternative method to determine the VOC content of coatings is SCAQMD Method 304-91 (Revised February 1996), incorporated by reference in Section 6.3.14. The exempt compounds content shall be determined by SCAQMD Method 303-91 (Revised August 1996), incorporated by reference in Section 6.3.12. To determine the VOC content of a coating, the manufacturer may use U.S. EPA Method 24, or an alternative method as provided in Section 6.3.2, formulation data, or any other reasonable means for predicting that the coating has been formulated as intended (e.g., quality assurance checks, recordkeeping). However, if there are any inconsistencies between the results of a Method 24 test and any other means for determining VOC content, the Method 24 test results will govern, except when an alternative method is approved as specified in Section 6.3.2. The District Air Pollution Control Officer (APCO) may require the manufacturer to conduct a Method 24 analysis.</p> <p>6.3.2 Alternative Test Methods: Other test methods demonstrated to provide results that are acceptable for purposes of determining compliance with Section 6.3.1, after review and approved in writing by the staffs of the District, the ARB and the U.S. EPA, may also be used. 6.3.3 Methacrylate Traffic Marking Coatings: Analysis of methacrylate multicomponent coatings used as traffic marking coatings shall be conducted according to a modification of U.S. EPA Method 24 (40 CFR 59, subpart D, Appendix A), incorporated by reference in Section 6.3.15. This method has not been approved for methacrylate multicomponent coatings used for other purposes than as traffic marking coatings or for other classes of multicomponent coatings.</p> <p>6.3.4 Flame Spread Index: The flame spread index of a fire-retardant coating shall be determined by ASTM Designation E 84-99, "Standard Test Method for Surface Burning Characteristics of Building Materials"(see Section 3, Fire-Retardant Coating).</p> <p>6.3.5 Fire Resistance Rating: The fire</p>	<p>6.3 Test Methods</p> <p>The test methods listed below shall be used to demonstrate compliance with this rule. Alternate equivalent test methods may be used provided the test methods have been approved by the APCO and EPA.</p> <p>6.3.1 Calculation of VOC Content: For the purpose of determining compliance with the VOC content limits in the Table of Standards 1 or the Table of Standards 2, the VOC content of a coating shall be determined as defined in Section 3.77, 3.78, or 3.79 as appropriate. The VOC content of a tint base shall be determined without colorant that is added after the tint base is manufactured. If the manufacturer does not recommend thinning, the VOC Content must be calculated for the product as supplied. If the manufacturer recommends thinning, the VOC Content must be calculated including the maximum amount of thinning solvent recommended by the manufacturer. If the coating is a multi-component product, the VOC content must be calculated as mixed or catalyzed. If the coating contains silanes, siloxanes, or other ingredients that generate ethanol or other VOC during the curing process, the VOC content must include the VOCs emitted during curing.</p> <p>6.3.2 VOC Content of Coatings: To determine the physical properties of a coating in order to perform the calculations in Section 3.77 and 3.79, the reference method for VOC content is EPA Method 24, except as provided in Sections 6.3.3 and 6.3.16. An alternative method to determine the VOC content of coatings is SCAQMD Method 304-91 (Revised February 1996). The exempt compounds content shall be determined by SCAQMD Method 303-91 (Revised 1993), BAAQMD Method 43 (Revised 1996), or BAAQMD Method 41 (Revised 1995), as applicable. To determine the VOC content of a coating, the manufacturer may use EPA Method 24, or an alternative method as provided in Section 6.3.3, formulation data, or any other reasonable means for predicting that the coating has been formulated as intended (e.g., quality assurance checks, recordkeeping). However, if there are any inconsistencies between the results of EPA Method 24 test and any other means for determining VOC content, the EPA Method 24</p>	<p>The non-SIP version includes all the requirements of the SIP version. Therefore, the non-SIP version of the rule is more stringent than the SIP version of the rule.</p>

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>resistance rating of a fire-resistive coating shall be determined by ASTM Designation E 119-98, "Standard Test Methods for Fire Tests of Building Construction Materials"(see Section 3, Fire-Resistive Coating).</p> <p>6.3.6 Gloss Determination: The gloss of a coating shall be determined by ASTM Designation D 523-89 (1999), "Standard Test Method for Specular Gloss"(see Section 3, Flat Coating, Nonflat Coating, Nonflat-High Gloss Coating and Quick-Dry Enamel).</p> <p>6.3.7 Metal Content of Coatings: The metallic content of a coating shall be determined by SCAQMD Method 318-95, Determination of Weight Percent Elemental Metal in Coatings by X-Ray Diffraction, <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3, Metallic Pigmented Coating).</p> <p>6.3.8 Acid Content of Coatings: The acid content of a coating shall be determined by ASTM Designation D 1613-96, "Standard Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer and related products"(see Section 3, Pre-Treatment Wash Primer).</p> <p>6.3.9 Drying Times: The set-to-touch, dry-hard, dry-to-touch and dry-to-recoat times of a coating shall be determined by ASTM Designation D 1640-95, "Standard Test Methods for Drying, Curing, or Film Formation of Organic Coatings at Room Temperature" (see Section 3, Quick-Dry Enamel and Quick-Dry Primer, Sealer and Undercoater) The tack-free time of a quickdry enamel coating shall be determined by the Mechanical Test Method of ASTM Designation D 1640-95.</p> <p>6.3.10 Surface Chalkiness: The chalkiness of a surface shall be determined using ASTM Designation D4214-98, "Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films"(see Section 3, Specialty Primer, Sealer and Undercoater).</p> <p>6.3.11 Exempt Compounds—Siloxanes: Exempt compounds that are cyclic, branched, or linear completely methylated siloxanes, shall be analyzed as exempt compounds for compliance with Section 6 by BAAQMD Method 43, "Determination of Volatile Methylsiloxanes in Solvent-Based Coatings, Inks, and Related Materials," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 11/6/96 (see Section 3, Volatile Organic Compound, and Section 6.3.1).</p> <p>6.3.12 Exempt Compounds—</p>	<p>test results will govern, except when an alternative method is approved as specified in Section 6.3.3. The District Air Pollution Control Officer (APCO) may require the manufacturer to conduct an EPA Method 24 analysis.</p> <p>6.3.3 Alternative Test Methods: Other test methods demonstrated to provide results that are acceptable for purposes of determining compliance with Section 6.3.2 4, after review and approved in writing by the staffs of the District, ARB and EPA, may also be used.</p> <p>6.3.4 Methacrylate Traffic Marking Coatings: Analysis of methacrylate multicomponent coatings used as traffic marking coatings shall be conducted according to a modification of EPA Method 24 (40 CFR 59, subpart D, Appendix A). This method has not been approved for methacrylate multicomponent coatings used for other purposes than as traffic marking coatings or for other classes of multicomponent coatings.</p> <p>6.3.5 Flame Spread Index: The flame spread index of a fire-retardant coating shall be determined by ASTM E84-07, "Standard Test Method for Surface Burning Characteristics of Building Materials" (see Section 3.0, Fire-Retardant Coating).</p> <p>6.3.6 Fire Resistance Rating: The fire resistance rating of a fire-resistive coating shall be determined by ASTM E119-07, "Standard Test Methods for Fire Tests of Building Construction Materials" (see Section 3.0, Fire-Resistive Coating).</p> <p>6.3.7 Gloss Determination: The gloss of a coating shall be determined by ASTM D523-89 (1999), "Standard Test Method for Specular Gloss" (see Section 3.0, Flat Coating, Nonflat Coating, Nonflat-High Gloss Coating and Quick-Dry Enamel).</p> <p>6.3.8 Metal Content of Coatings: The metallic content of a coating shall be determined by SCAQMD Method 318-95, Determination of Weight Percent Elemental Metal in Coatings by X-Ray Diffraction, <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3.0, Metallic Pigmented Coating, Aluminum Roof Coating and Faux Finish).</p> <p>6.3.9 Acid Content of Coatings: The acid content of a coating shall be determined by ASTM D1613-06, "Standard Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer and related products" (see Section 3.0, Pre-Treatment Wash Primer).</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>Parachlorobenzotrifluoride (PCBTF): The exempt compound parachlorobenzotrifluoride, shall be analyzed as an exempt compound for compliance with Section 6 by BAAQMD Method 41, "Determination of Volatile Organic Compounds in Solvent Based Coatings and Related Materials Containing Parachlorobenzotrifluoride," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 12/20/95 (see Section 3, Volatile Organic Compound, and Section 6.3.1).</p> <p>6.3.13 Exempt Compounds: The content of compounds under U.S. EPA Method 24 shall be analyzed by SCAQMD Method 303-91 (Revised 1996), "Determination of Exempt Compounds," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3, Volatile Organic Compound, and Section 6.3.1).</p> <p>6.3.14 VOC Content of Coatings: The VOC content of a coating shall be determined by U.S. EPA Method 24 as it exists in appendix A of 40 <i>Code of Federal Regulations</i> (CFR) part 60, "Determination of Volatile Matter Content, Water Content, Density, Volume Solids and Weight Solids of Surface Coatings" (see Section 6.3.1).</p> <p>6.3.15 Alternative VOC Content of Coatings: The VOC content of coatings may be analyzed either by U.S. EPA Method 24 or SCAQMD Method 304-91 (Revised 1996), "Determination of Volatile Organic Compounds (VOC) in Various Materials," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 6.3.1).</p> <p>6.3.16 Methacrylate Traffic Marking Coatings: The VOC content of methacrylate multicomponent coatings used as traffic marking coatings shall be analyzed by the procedures in 40 CFR part 59, subpart D, appendix A, "Determination of Volatile Matter Content of Methacrylate Multicomponent Coatings Used as Traffic Marking Coatings" (September 11, 1998) (see Section 6.3.3).</p>	<p>6.3.10 Drying Times: The set-to-touch, dry-hard, dry-to-touch and dry-to-recoat times of a coating shall be determined by ASTM D1640-95, "Standard Test Methods for Drying, Curing, or Film Formation of Organic Coatings at Room Temperature" (see Section 3.0, Quick-Dry Enamel and Quick-Dry Primer, Sealer and Undercoater) The tack-free time of a quick-dry enamel coating shall be determined by the Mechanical Test Method of ASTM D1640-95. (Category deleted effective January 1, 2011.)</p> <p>6.3.11 Surface Chalkiness: The chalkiness of a surface shall be determined using ASTM D4214-98, "Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films" (see Section 3, Specialty Primer, Sealer and Undercoater). (Category deleted effective January 1, 2011.)</p> <p>6.3.12 Exempt Compounds—Siloxanes: Exempt compounds that are cyclic, branched, or linear completely methylated siloxanes, shall be analyzed as exempt compounds for compliance with Section 6 by BAAQMD Method 43, "Determination of Volatile Methylsiloxanes in Solvent-Based Coatings, Inks, and Related Materials," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 11/6/96 (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.13 Exempt Compounds—Parachlorobenzotrifluoride (PCBTF): The exempt compound parachlorobenzotrifluoride, shall be analyzed as an exempt compound for compliance with Section 6 by BAAQMD Method 41, "Determination of Volatile Organic Compounds in Solvent Based Coatings and Related Materials Containing Parachlorobenzotrifluoride," <i>BAAQMD Manual of Procedures</i>, Volume III, adopted 12/20/95 (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.14 Exempt Compounds: The content of compounds under U.S. EPA Method 24 shall be analyzed by SCAQMD Method 303-91 (Revised 1993), "Determination of Exempt Compounds," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i> (see Section 3.0, Volatile Organic Compound, and Section 6.3.2).</p> <p>6.3.15 VOC Content of Coatings: The VOC content of a coating shall be determined by EPA Method 24 as it exists in appendix A of 40 <i>Code of</i></p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
		<p><i>Federal Regulations</i> (CFR) part 60, "Determination of Volatile Matter Content, Water Content, Density, Volume Solids and Weight Solids of Surface Coatings" (see Section 6.3.2).</p> <p>6.3.16 Alternative VOC Content of Coatings: The VOC content of coatings may be analyzed either by U.S. EPA Method 24 or SCAQMD Method 304-91 (Revised 1996), "Determination of Volatile Organic Compounds (VOC) in Various Materials," <i>SCAQMD Laboratory Methods of Analysis for Enforcement Samples</i>.</p> <p>6.3.17 Methacrylate Traffic Marking Coatings: The VOC content of methacrylate multicomponent coatings used as traffic marking coatings shall be analyzed by the procedures in 40 CFR part 59, subpart D, appendix A, "Determination of Volatile Matter Content of Methacrylate Multicomponent Coatings Used as Traffic Marking Coatings" (September 11, 1998).</p> <p>6.3.18 Hydrostatic Pressure for Basement Specialty Coatings: The hydrostatic pressure resistance for basement specialty coatings shall be analyzed using ASTM D7088-04, "Standard Practice for Resistance to Hydrostatic Pressure for Coatings Used in Below Grade Applications Applied to Masonry".</p> <p>6.3.19 Tub and Tile Refinish Coating Adhesion: The adhesion of tub and tile coating shall be determined by ASTM D4585-99, "Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation" and ASTM D3359-02, "Standard Test Methods for Measuring Adhesion by Tape Test".</p> <p>6.3.20 Tub and Tile Refinish Coating Hardness: The hardness of tub and tile refinish coating shall be determined by ASTM D3363-05, "Standard Test Method for Film Hardness by Pencil Test".</p> <p>6.3.21 Tub and Tile Refinish Coating Abrasion Resistance: Abrasion resistance of tub and tile refinish coating shall be analyzed by ASTM D4060-07, "Standard Test Methods for Abrasion Resistance of Organic Coatings by the Taber Abraser".</p> <p>6.3.22 Tub and Tile Refinish Coating Water Resistance: Water resistance of tub and tile refinish coatings shall be determined by ASTM D4585-99, "Standard Practice for Testing Water Resistance of Coatings Using Controlled Condensation" and ASTM D714-02e1, "Standard Test Method</p>	

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
		<p>for Evaluating Degree of Blistering of Paints".</p> <p>6.3.23 Waterproofing Membrane: Waterproofing membrane shall be tested by ASTM C836-06, "Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course".</p> <p>6.3.24 Mold and Mildew Growth for Basement Specialty Coatings: Mold and mildew growth resistance for basement specialty coatings shall be determined by ASTM D3273-00, "Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber" and ASTM D3274-95, "Standard Test Method for Evaluating Degree of Surface Disfigurement of Paint Films by Microbial (Fungal or Algal) Growth or Soil and Dirt Accumulation".</p> <p>6.3.25 Reactive Penetrating Sealer Water Repellency: Reactive penetrating sealer water repellency shall be analyzed by ASTM C67-07, "Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile"; or ASTM C97-02, "Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone"; or ASTM C140-06, "Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units".</p> <p>6.3.26 Reactive Penetrating Sealer Water Vapor Transmission: Reactive penetrating sealer water vapor transmission shall be analyzed ASTM E96/E96M-05, "Standard Test Method for Water Vapor Transmission of Materials".</p> <p>6.3.27 Reactive Penetrating Sealer - Chloride Screening Applications: Reactive penetrating sealers shall be analyzed by National Cooperative Highway Research Report 244 (1981), "Concrete Sealers for the Protection of Bridge Structures".</p> <p>6.3.28 Stone Consolidants: Stone consolidants shall be tested using ASTM E2167-01, "Standard Guide for Selection and Use of Stone Consolidants".</p>	
7.0 Compliance Schedule	Persons subject to this rule shall be in compliance with this rule by October 31, 2001.	Persons subject to this rule shall be in compliance with this rule by the dates specified within the rule.	No change in the requirements, therefore, non-SIP version of rule is as stringent as SIP version.
8.0 Averaging Compliance Option	8.1 On or after January 1, 2003, in lieu of compliance with the specified limits in the Table of Standards for floor coatings; industrial maintenance coatings; primers, sealers, and undercoaters; quick-dry primers, sealers, and undercoaters; quick-dry enamels; roof coatings; rust		No change in the requirements, therefore, non-SIP version of rule is as stringent as SIP version.

Requirement Category	SIP Version of Rule 4601 (10/31/01)	Non-SIP Version of Rule 4601 (12/17/09)	Conclusion
	<p>preventative coatings; stains; waterproofing sealers, as well as flats and non-flats (excluding recycled coatings), manufacturers may average designated coatings such that their actual cumulative emissions from the averaged coatings are less than or equal to the cumulative emissions that would have been allowed under those limits over a compliance period not to exceed one year. Such manufacturers must also comply with the averaging provisions contained in this Section, as well as maintain and make available for inspection records for at least three years after the end of the compliance period. This Section shall cease to be effective on January 1, 2005, after which averaging will no longer be allowed.</p> <p>Per Section 8.1, averaging is no longer applicable. Therefore, Section 8.2 through 8.14 are not listed.</p>		

District Rule 4601 was amended (12/17/2009). As analyzed, each amended section of the non-SIP version of the rule is at least as stringent as, or more stringent than the corresponding section of the SIP version of the rule. Therefore, it is concluded that overall the non-SIP version of the rule is more stringent than the SIP version of the rule.

ATTACHMENT E

Facility Comments and District Responses

DISTRICT'S RESPONSES TO FACILITY COMMENTS

In response to the comments received on September 27, 2011 letter and September 30, 2011 email from Mr. Dennis Tristao of JG Boswell Co., District has come to following conclusions. Following are the responses to comments made by facility after reviewing the draft renewed Title V permits.

Facility Comment - The evaluation and the draft permits state that Boswell did not request any permit shield conditions. Although Boswell did not utilize the UM-0-3 template qualification form, and other generally permit templates have expired, it is clear that Boswell did request specific permit shield conditions within the TVFORM-004 submittal. The requested shield conditions reflect those identical to the facility- wide umbrella, as well as rule- and permit-specific shield conditions. (It is noted by Boswell that, since preparation and submitted of the renewal application in 2007, several permit shield requests are no longer necessary, as specific SJV Rules have been adopted into the SIP.) Please review the TVFORM-004 submittal, and include the applicable requested permit shield conditions.

District Response – District has added following two facility-wide conditions granting permit shields.

43. *Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated Kings County SIP requirements: Rule 401, Rule 111, and Rule 202. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit*

44. *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*

Facility Comment - Kings County Rule 410 and SJV Rule 4691 are not SIP-approved. SJV Rule 461.2 is still the only SIP-approved rule for vegetable oil mills that permit -8 is subject to. Boswell requested a permit shield (within TVFORM-004) indicating that compliance with non-SIP Rule 4691 demonstrates compliance with SIP Rule 461.2. It is important to Boswell that this permit shield language be included within the renewed permit.

District Response – District Rule 4691 has been approved in SIP since January 18, 1994. Therefore no shield is needed for Rule 461.2.

Facility Comment - Draft permit -8 conditions 7 through 12 refer only to non-SIP Rule 4691, but also indicate "Federally Enforceable through Title V". Since Rule 4691 is not SIP-approved, these conditions cannot be federally enforceable as written. Please include reference to SJVAPCD SIP Rule 461.2 if these conditions are to be considered federally enforceable.

District Response – As stated above District Rule 4691 is SIP approved.

Facility Comment - ATC C-1555-7-10 and ATCC-1555-8-11, which serve as a Certificate of Conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c), have been implemented. The application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4 has been submitted to the air district. These permits are requested to be included in this permit renewal, with a correction to the permit description on ATC C-1777-10. The equipment description states ", ADD ONE 5 HP SEED BLEACHER, AND" It should more accurately state "ADD ONE 5 HP BLEACHER, AND,," per the submitted application.

District Response – These changes will effective after these ATCs have been implemented.

Facility Comment - Permit C-1555-8 contains conditions 8, 9, 10 & 11 - referencing leak detection inspection (#8), leak emission rate and repair requirements (#9), operation of equipment in organic service (#10), and operating requirements for equipment in organic service under repair.

We participated in the rule development process for the Vegetable Oil Processing Rule, Kings County Rule 410, SJV Rule 4691 and SJV Rule 461.2. to our knowledge, our vegetable oil refining operation is the last remaining operation of its type permitted through the San Joaquin Valley Unified Air Pollution Control District. It is our understanding, and confirmed in past discussions with District (back to 1992) that the prohibition identified in condition 10 "The owner/operator shall not use any equipment use any equipment in organic service at the vegetable oil plant unless such equipment does not leak. [District Rule 4691, 5.4] Federally Enforceable Through Title V Permit" is offset and must be read in context of condition 11. 'Emission from leaks equipment in organic service which have been tagged by the owner or operator for repair in accordance with the requirements of section 6.1 of Rule 4691 (12/17/92) or which have been repaired and are waiting inspection shall not constitute a violation of section 5.4 of Rule 4691 (12/17/92) [District Rule 4691, 5.5] Federally Enforceable Through Title V Permit 5.5 ."

Our understanding is that if the equipment in organic service is leaking, but tagged in accordance with Condition #11, the equipment will not be violation.

District Response – The District agrees with your understanding since condition 11 clearly states that is tagged, repaired and waiting reinspection shall not constitute a violation of Section 5.4 of Rule 4691.

Facility Comment - Also, permit C-555-11, authorizes the use of Diesel fuel. The unit has not been able utilize Diesel fuel since the modification was performed to install the SCR and lower the NOx emission to 6 PPMV, the unit is able to burn propane. The conditions relating to diesel are moot and may be removed

District Response – The requested changes are being processed under another permitting action.