



# San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

SEP 06 2011

Fred Jacobus  
Diamond Walnut Growers, Inc.  
P O Box 1727  
Stockton, CA 95201

**Re: Notice of Final Action - Title V Permit Renewal  
District Facility # N-285  
Project # N-1092810**

Dear Mr. Jacobus:

The District has issued the Final Title V Permit for Diamond Walnut Growers, Inc. The preliminary decision for this project was made on June 30, 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: Jonah Aiyabei, 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  
[www.valleyair.org](http://www.valleyair.org)

**Southern Region**  
2700 M Street, Suite 275  
Bakersfield, CA 93301-2373  
Tel: (661) 326-6900 FAX: (661) 326-6985



# San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

SEP 06 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 # N-285  
Project # N-1092810**

Dear Mr. Rios:

The District has issued the Final Title V Permit Renewal for Diamond Walnut Growers, Inc. The preliminary decision for this project was made on June 30, 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,

David Warner  
Director of Permit Services

Attachments

cc: Jonah Aiyabei, Permit Services Engineer

**Seyed Sadredin**

Executive Director/Air Pollution Control Officer

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# San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

SEP 06 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 # N-285  
Project # N-1092810**

Dear Mr. Tollstrup:

The District has issued the Final Title V Permit for Diamond Walnut Growers, Inc. The preliminary decision for this project was made on June 30, 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

Attachments

cc: Jonah Aiyabei, Permit Services Engineer

**Seyed Sadredin**

Executive Director/Air Pollution Control Officer

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Modesto, CA 95356-8718  
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Tel: (661) 326-6900 FAX: (661) 326-6985

Diamond Foods Incorporated.  
Facility ID: N-285  
Project #: N-1092810  
Title V Permit Renewal

## **Facility Comments**

### **Comment 1:**

Regarding draft permit -100-3, condition 3 identifies a specific PM10 emission rate limit, indicating compliance with a valid CARB Executive Order. Please correct condition 9 to allow up to 30 hours per year for maintenance, testing and required regulatory purposes, pursuant to CARB's diesel emissions ATCM.

### **District Response:**

The District erroneously reduced the maintenance and testing hours from the previous limit of 61 per year to 20 per year. Since the engine has a PM emission rate of 0.19 g/hp-hr, the correct limit specified in the ATCM is 30 hours per year. The District has made the requested correction.

### **Comment 2:**

Pursuant to written District guidance (FYI-284), cyclones and/or baghouses associated with packaging of ready to eat product are employed for quality control and vector control, rather than air pollution control. The processes associated with the following permits fit this category, and appear to clearly be exempt from permit requirement:

N-285-105  
N-285-108  
N-285-109  
N-285-112, and  
N-285-115

Please accept this letter as an official notice to cancel the permits upon request.

### **District Response:**

The District has cancelled the permit units listed above as requested.

Stockton Record

**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 Diamond Walnut Growers, Inc. for its agricultural products (walnuts) processing operation at 1050 S. Diamond St., in Stockton, California.

The District's analysis of the legal and factual basis for this proposed action, project #N-1092810, is available for public inspection at [http://www.valleyair.org/notices/public\\_notices\\_idx.htm](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.



# Permit to Operate

**FACILITY:** N-285

**EXPIRATION DATE:** 12/31/2015

**LEGAL OWNER OR OPERATOR:**  
**MAILING ADDRESS:**

DIAMOND FOODS INCORPORATED  
P O BOX 1727  
STOCKTON, CA 95201-1727

**FACILITY LOCATION:**

1050 S DIAMOND ST  
STOCKTON, CA 95205

**FACILITY DESCRIPTION:**

AGRICULTURAL PRODUCTS PROCESSING - WALNUTS

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: N-285-0-3

EXPIRATION DATE: 12/31/2015

## FACILITY-WIDE REQUIREMENTS

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

### FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: DIAMOND FOODS INCORPORATED  
Location: 1050 S DIAMOND ST, STOCKTON, CA 95205  
N-285-0-3: Aug 30 2011 8:26AM - AIYABEU

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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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



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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin July 6 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. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-1-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-2-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-3-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-4-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-5-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-6-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-7-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-8-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-9-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-10-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-11-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-12-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-13-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-14-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-15-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-16-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-17-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## PERMIT UNIT REQUIREMENTS

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

**San Joaquin Valley  
Air Pollution Control District**

**PERMIT UNIT:** N-285-18-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

**PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-19-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## PERMIT UNIT REQUIREMENTS

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-20-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BULK STORAGE, ATMOSPHERIC FUMIGATION

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-31-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
OIL MILL EQUIPMENT

## PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2080] Federally Enforceable Through Title V Permit
2. A spare set of bags shall be maintained on the premises at all times. [District Rule 2080] Federally Enforceable Through Title V Permit
3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2080] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E=17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
6. A daily record of material throughput shall be maintained, kept, and made available to the District upon request. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Visible emissions from baghouse shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] 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:** N-285-32-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

VACUUM FUMIGATION CHAMBER, DOCK 1

## PERMIT UNIT REQUIREMENTS

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-33-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
VACUUM FUMIGATION CHAMBER, DOCK 1

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-40-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

SMALL ROOM OPERATIONS SERVED BY CYCLONES AND FILTERS

## PERMIT UNIT REQUIREMENTS

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1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] 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 shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E=17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
5. A daily record of material throughput shall be maintained, kept, and made available to the District upon request. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Visible emissions from baghouse shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] 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:** N-285-42-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

POLYGON ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-43-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
POLYGON ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

**San Joaquin Valley  
Air Pollution Control District**

**PERMIT UNIT:** N-285-44-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
POLYGON ATMOSPHERIC FUMIGATION CHAMBER

**PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

Facility Name: DIAMOND FOODS INCORPORATED  
Location: 1050 S DIAMOND ST, STOCKTON, CA 95205  
N-285-44-3 : Aug 30 2011 9:05AM - AIYABEU

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-45-7

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

PROPYLENE OXIDE FUMIGATION OPERATION CONSISTING OF A 1,260 CUBIC FOOT VACUUM FUMIGATION CHAMBER SERVED BY AN INDUSTRIAL DESIGN MODEL IDC-TH4 WET SCRUBBER (SCRUBBER IS SHARED WITH PERMIT UNIT N-285-46)

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Propylene oxide shall be the only fumigant used in this chamber. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The fumigation chamber operating under permit N-0285-46 shall not be vented to the scrubber simultaneously with the fumigation chamber operating under this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This chamber shall be equipped with a pressure differential gauge to measure the vacuum in the chamber. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The pressure differential gauge shall read at least 25 inches of water column (negative) before introducing the fumigant into this chamber. The chamber shall remain under negative pressure all times during the fumigation and de-fumigation cycles. [District Rule 2201] Federally Enforceable Through Title V Permit
6. At the end of the fumigation cycle, the exhaust fan(s) shall be started, the chamber doors shall be opened slightly, and the chamber shall be vented through the scrubber for at least one half hour prior to product removal. The scrubber shall be in operation during chamber venting. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The scrubber shall be adjusted and maintained to achieve optimum control efficiency according to manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
8. VOC emissions shall not exceed 8.5 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed any of the following: 1st quarter: 616 lb, 2nd quarter: 680 lb, 3rd quarter: 865 lb, 4th quarter: 925 lb. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The control efficiency of the scrubber serving this fumigation chamber shall be at least 98 percent for VOC emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Source testing to demonstrate compliance with the scrubber's minimum control efficiency requirement shall be conducted at least once every five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit
13. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. Source testing to measure the scrubber's VOC control efficiency shall be conducted using the following test methods: EPA Method 2, 2A, or 2D for flow rate and Method 25, 25A, 25B, or 25D for measuring total gaseous organic concentrations at the inlet and outlet of the control device. Should it be determined that another set of test methods is more appropriate for use in demonstrating compliance with the minimum control efficiency requirements, such test methods shall be approved by the District prior to initial source testing. [District Rule 1081] Federally Enforceable Through Title V Permit
15. 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
16. The maximum acceptable scrubber liquid pH value shall be 1.68. The maximum scrubber liquid pH value shall be that for which compliance with the scrubber's minimum control efficiency is demonstrated during the most recent source test, and this pH value shall be placed on the Permit to Operate. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The permittee shall maintain daily records of pH value of the scrubber liquid. [District Rule 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
18. The permittee shall keep pressure differential gauge records for each fumigation event that includes both fumigation and de-fumigation cycles. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The permittee shall maintain daily and cumulative quarterly records of VOC emitted from this chamber in pounds. The cumulative quarterly records shall be updated at least on weekly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-46-7

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

PROPYLENE OXIDE FUMIGATION OPERATION CONSISTING OF A 1,260 CUBIC FOOT VACUUM FUMIGATION CHAMBER SERVED BY AN INDUSTRIAL DESIGN MODEL IDC-TH4 WET SCRUBBER (SCRUBBER IS SHARED WITH PERMIT UNIT N-285-45)

## PERMIT UNIT REQUIREMENTS

---

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Propylene oxide shall be the only fumigant used in this chamber. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The fumigation chamber operating under permit N-0285-45 shall not be vented to the scrubber simultaneously with the fumigation chamber operating under this permit. [District Rule 2201] Federally Enforceable Through Title V Permit
4. This chamber shall be equipped with a pressure differential gauge to measure the vacuum in the chamber. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The pressure differential gauge shall read at least 25 inches of water column (negative) before introducing the fumigant into this chamber. The chamber shall remain under negative pressure all times during the fumigation and de-fumigation cycles. [District Rules 2201 and 2301] Federally Enforceable Through Title V Permit
6. At the end of the fumigation cycle, the exhaust fan(s) shall be started, the chamber doors shall be opened slightly, and the chamber shall be vented through the scrubber for at least one half hour prior to product removal. The scrubber shall be in operation during chamber venting. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The scrubber shall be adjusted and maintained to achieve optimum control efficiency according to manufacturer's recommendations. [District Rule 2201] Federally Enforceable Through Title V Permit
8. VOC emissions shall not exceed 8.5 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed any of the following: 1st quarter: 616 lb, 2nd quarter: 680 lb, 3rd quarter: 865 lb, 4th quarter: 925 lb. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The control efficiency of the scrubber serving this fumigation chamber shall be at least 98 percent for VOC emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Source testing to demonstrate compliance with the scrubber's minimum control efficiency requirement shall be conducted at least once every five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081] Federally Enforceable Through Title V Permit
13. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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



14. Source testing to measure the scrubber's VOC control efficiency shall be conducted using the following test methods: EPA Method 2, 2A, or 2D for flow rate and Method 25, 25A, 25B, or 25D for measuring total gaseous organic concentrations at the inlet and outlet of the control device. Should it be determined that another set of test methods is more appropriate for use in demonstrating compliance with the minimum control efficiency requirements, such test methods shall be approved by the District prior to initial source testing. [District Rule 1081] Federally Enforceable Through Title V Permit
15. 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
16. The maximum acceptable scrubber liquid pH value shall be 1.68. The maximum scrubber liquid pH value shall be that for which compliance with the scrubber's minimum control efficiency is demonstrated during the most recent source test, and this pH value shall be placed on the Permit to Operate. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The permittee shall maintain daily records of pH value of the scrubber liquid. [District Rule 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
18. The permittee shall keep pressure differential gauge records for each fumigation event that includes both fumigation and de-fumigation cycles. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The permittee shall maintain daily and cumulative quarterly records of VOC emitted from this chamber in pounds. The cumulative quarterly records shall be updated at least on weekly basis. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-48-4

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
FORM AND FILL SYSTEM SERVED BY FOUR CYCLONES

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The cyclone dust collection systems cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Material removed from the cyclone dust collection systems shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. All ducting from the walnut pellicle processing equipment to the dust collection system shall be properly maintained to prevent fugitive dust emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The quantity of walnut pellicle processed shall not exceed 167 tons in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. PM10 emissions shall not exceed 0.10 pounds per ton of walnut pellicle processed. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The permittee shall maintain a daily record of the quantity of walnut pellicle processed in tons. These records shall be retained for a minimum of five years and shall be made available to the District upon request. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E=17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
9. The cyclone shall be inspected quarterly for visible emissions during operation. If any visible emissions are observed, corrective actions shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] 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:** N-285-49-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-50-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

**San Joaquin Valley  
Air Pollution Control District**

**PERMIT UNIT:** N-285-51-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

**PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-52-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-53-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

**San Joaquin Valley  
Air Pollution Control District**

**PERMIT UNIT:** N-285-54-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

**PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-55-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-56-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

**San Joaquin Valley  
Air Pollution Control District**

**PERMIT UNIT:** N-285-57-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

**PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-58-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

---

1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-59-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-60-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-61-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

Facility Name: DIAMOND FOODS INCORPORATED  
Location: 1050 S DIAMOND ST, STOCKTON, CA 95205  
N-285-61-3 : Aug 30 2011 8:05AM - AYABEU

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-62-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-63-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-64-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-65-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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- I. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-66-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BUTLER ATMOSPHERIC FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-67-7

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

PROPYLENE OXIDE POST FUMIGATION OFF-GASSING CHAMBERS EACH HAVING DIMENSIONS OF 28 FT (L) x 24 FT (W) x 24 FT (H) AND EACH EQUIPPED WITH AN EXHAUST FAN

## PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
2. The product off-gassing shall only be conducted inside the off-gassing chambers. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
3. The combined VOC emissions from the off-gassing chambers shall not exceed 35.8 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The combined VOC emissions from the off-gassing chambers shall not exceed 13,028 pounds per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The permittee shall maintain daily and cumulative annual records of VOC emitted from the off-gassing chambers in pounds. The cumulative annual records shall be updated weekly. [District Rule 2201] Federally Enforceable Through Title V Permit
6. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-68-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

BULK STORAGE ATMOSPHERIC FUMIGATION CHAMBERS, TRACK 5

## PERMIT UNIT REQUIREMENTS

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1. Methyl bromide charge rate shall not exceed 50 pounds per load. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Stack height must be a minimum of seven (7) feet above the walkable surface of the roof. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Stack height shall extend at least 1 1/2 times the height of the chamber, measured from ground level. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Chambers shall not be located within 200 feet of any residential area. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The owner or operator shall record the amount of methyl bromide used on a daily basis. The records shall at least include the amount of methyl bromide used each load and numbers of load per day. Records shall be maintained, kept, and made available to the District upon request. [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:** N-285-69-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BLEACH PLANT VACUUM FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-70-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BLEACH PLANT VACUUM FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

Facility Name: DIAMOND FOODS INCORPORATED  
Location: 1050 S DIAMOND ST, STOCKTON, CA 95205  
N-285-70-3 : Aug 30 2011 8:05AM - AJYABEJ



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-71-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

BLEACH PLANT VACUUM FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-72-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

BLEACH PLANT VACUUM FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-73-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BLEACH PLANT VACUUM FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-74-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

BLEACH PLANT VACUUM FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-75-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BLEACH PLANT VACUUM FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-76-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**  
BLEACH PLANT VACUUM FUMIGATION CHAMBER

## **PERMIT UNIT REQUIREMENTS**

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1. Spent fumigant shall be vented in a manner which is adequate to prevent any hazard to human health, plant or animal life. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-77-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

WALNUT DESTONING EQUIPMENT SERVED BY FOUR CYCLONES

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E=17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
3. A daily record of material throughput shall be maintained, kept, and made available to the District upon request. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
4. The cyclone shall be inspected quarterly for visible emissions during operation. If visible emissions are observed, corrective actions shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
5. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] 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:** N-285-89-4

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

CRACKING MODULE #1 WITH AIR SEPARATION SYSTEM SERVED BY NINE CYCLONES AND VENTED TO NINE BAG FILTERS

## PERMIT UNIT REQUIREMENTS

---

1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Material removed from the 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. The filter cleaning frequency shall be adjusted to optimize control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Ductwork, joints, and flexible seals shall be strictly maintained. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The daily processing rate shall not exceed 480,000 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The PM10 emissions from this operation shall not exceed 6.9 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. A daily log of the material processed shall be kept on the premises and shall be made available for District inspection upon request. [District Rule 1070 and 2520, 9.3.2] 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. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E=17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
10. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Visible emissions from the baghouse shall be evaluated using EPA Method 22 for a period of at least six minutes at least once a week during operation. [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.



14. The baghouse shall have no visible emissions. Upon determining an excursion from this requirement, the permittee shall investigate the excursion and take corrective action to minimize emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR part 64] Federally Enforceable Through Title V Permit
15. 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
16. 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:** N-285-90-4

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

CRACKING MODULE #2 WITH AIR SEPARATION SYSTEM SERVED BY NINE CYCLONES AND VENTED TO NINE BAG FILTERS

## PERMIT UNIT REQUIREMENTS

---

1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Material removed from the 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. The filter cleaning frequency shall be adjusted to optimize control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Ductwork, joints, and flexible seals shall be strictly maintained. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The daily processing rate shall not exceed 480,000 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The PM10 emissions from this operation shall not exceed 6.9 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. A daily log of the material processed shall be kept on the premises and shall be made available for District inspection upon request. [District Rule 1070 and 2520, 9.3.2] 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. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E=17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
10. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Visible emissions from the baghouse shall be evaluated using EPA Method 22 for a period of at least six minutes at least once a week during operation. [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.

14. The baghouse shall have no visible emissions. Upon determining an excursion from this requirement, the permittee shall investigate the excursion and take corrective action to minimize emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR part 64] Federally Enforceable Through Title V Permit
15. 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
16. 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:** N-285-91-4

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

CRACKING MODULE #3 WITH AIR SEPARATION SYSTEM SERVED BY NINE CYCLONES AND VENTED TO NINE BAG FILTERS

## PERMIT UNIT REQUIREMENTS

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1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Material removed from the 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. The filter cleaning frequency shall be adjusted to optimize control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Ductwork, joints, and flexible seals shall be strictly maintained. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The daily processing rate shall not exceed 480,000 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The PM10 emissions from this operation shall not exceed 6.9 pounds per day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. A daily log of the material processed shall be kept on the premises and shall be made available for District inspection upon request. [District Rule 1070 and 2520, 9.3.2] 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. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59 \times P^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E=17.31 \times P^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
10. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Visible emissions from the baghouse shall be evaluated using EPA Method 22 for a period of at least six minutes at least once a week during operation. [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.

14. The baghouse shall have no visible emissions. Upon determining an excursion from this requirement, the permittee shall investigate the excursion and take corrective action to minimize emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR part 64] Federally Enforceable Through Title V Permit
15. 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
16. 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:** N-285-95-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

WALNUT MEATS HORIZONTAL PACKAGING LINE SERVED BY A CYCLONE VENTED TO A BANK OF EIGHT SOCK FILTERS

## PERMIT UNIT REQUIREMENTS

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1. The cyclone sock filter dust collection system cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
2. At least one(1) replacement sock filter shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
3. There shall be no visible emissions from the sock filters. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Material removed from the cyclone sock filter dust collection system(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The quantity of walnut meats processed shall not exceed 86.4 tons in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. PM10 emissions shall not exceed 0.004 pounds per ton of walnut meats processed. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Maintain a daily record of the quantity of walnut meats processed in pounds. [District NSR Rule] 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. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59xP^{0.62}$  if P is less than or equal to 30 tons per hour, or  $E=17.31xP^{0.16}$  if P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit
10. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. Visible emissions from dust collection system shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2] 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:** N-285-100-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

600 BHP CUMMINS MODEL KTA 19-G2 DIESEL-FIRED EMERGENCY IC ENGINE POWERING AN ELECTRICAL GENERATOR

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. NOx emissions shall not exceed 6.36 g/bhp-hr. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The PM10 emissions concentration shall not exceed 0.19 g/hp-hr based on U.S EPA certification using test procedure ISO 8178. [District NSR Rule; District Rule 4102; CH&SC 41700; AND 17 CCR 93115] Federally Enforceable Through Title V Permit
4. CO emissions shall not exceed 0.27 g/bhp-hr. [District NSR Rule] Federally Enforceable Through Title V Permit
5. VOC emissions shall not exceed 3.62 g/bhp-hr. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Only a combination of CARB certified diesel fuel containing not more than 0.0015% sulfur by weight, purified water and the patented PuriNOx fuel additive package shall be used in this engine. [District NSR Rule; District Rule 4102; and 17 CCR 93115] Federally Enforceable Through Title V Permit
7. The engine shall be equipped with a positive crankcase ventilation (PCV) system or a crankcase emissions control device of at least 90% control efficiency. [District NSR Rule & District Rule 4102] Federally Enforceable Through Title V Permit
8. The exhaust stack shall not be fitted with a rain cap or similar device that would impede vertical exhaust flow. [District NSR Rule & District Rule 4102] Federally Enforceable Through Title V Permit
9. The engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 30 hours per year. [District NSR Rule; District Rules 4102 and 4702, 4.2; and 17 CCR 93115] Federally Enforceable Through Title V Permit
10. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
11. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
12. The permittee shall maintain records of the diesel fuel usage and the fuel additive, PuriNOx, usage. Records of the mix ratio of PuriNOx to diesel fuel and the total annual usage of both diesel fuel and PuriNOx shall be maintained and shall be made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115]  
Federally Enforceable Through Title V Permit
14. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rules 1070 and 4702, 6.2.3] Federally Enforceable Through Title V Permit
15. This engine shall be equipped with a non-resettable elapsed operating time meter, or other APCO approved alternative. [District Rule 4702, 5.7 and 17 CCR 93115] Federally Enforceable Through Title V Permit
16. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702, 5.7] Federally Enforceable Through Title V Permit
17. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702, 5.7] Federally Enforceable Through Title V Permit
18. 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 Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-102-3

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

52 BHP CUMMINS MODEL 6A3.4 DIESEL-FIRED EMERGENCY IC ENGINE POWERING AN ELECTRICAL GENERATOR

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
2. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing and required regulatory purposes shall not exceed 20 hours per year. [District Rule 4702, 4.2; and 17 CCR 93115] Federally Enforceable Through Title V Permit
3. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
4. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
5. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rules 1070; 2520, 9.4.2; and 4702, 6.2.3] Federally Enforceable Through Title V Permit
6. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407] Federally Enforceable Through Title V Permit
7. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [San Joaquin County Rule 407 and 17 CCR 93115] Federally Enforceable Through Title V Permit
8. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
9. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirement: San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
10. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702, 5.7 and 17 CCR 93115] Federally Enforceable Through Title V Permit
11. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702, 5.7] 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. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702, 5.7] Federally Enforceable Through Title V Permit
13. 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 Rule 4702, 6.2.3 and 17 CCR 93115] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** N-285-111-1

**EXPIRATION DATE:** 12/31/2015

**EQUIPMENT DESCRIPTION:**

109 BHP MWM MURPHY MODEL MD-6 EMERGENCY DIESEL FIRED IC ENGINE POWERING A FIRE PUMP.

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap, roof overhang, or any other obstruction. [District Rule 4102]
3. This engine shall be equipped with a non-resettable elapsed operating time meter, or other APCO approved alternative. [District Rule 4702, 5.7] Federally Enforceable Through Title V Permit
4. This engine shall be operated and maintained in proper operating condition as recommended by the engine manufacturer or emissions control system supplier. [District Rule 4702, 5.7] Federally Enforceable Through Title V Permit
5. During periods of operation for maintenance, testing, and required regulatory purposes, the permittee shall monitor the operational characteristics of the engine as recommended by the manufacturer or emission control system supplier (for example: check engine fluid levels, battery, cables and connections; change engine oil and filters; replace engine coolant; and/or other operational characteristics as recommended by the manufacturer or supplier). [District Rule 4702, 5.7] Federally Enforceable Through Title V Permit
6. The engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 50 hours per year. [District Rules 2201 and 4702, 4.2; and 17 CCR 93115] Federally Enforceable Through Title V Permit
7. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
8. This engine shall not be used to produce power for the electrical distribution system, as part of a voluntary utility demand reduction program, or for an interruptible power contract. [District Rule 4702] Federally Enforceable Through Title V Permit
9. Emissions from this engine shall not exceed the following limits: 5.50 g NOx/bhp-hr, 0.14 g CO/bhp-hr, and 0.11 g VOC/bhp-hr. [District Rules 2201 and 4702; and 13 CCR 2423] Federally Enforceable Through Title V Permit
10. The PM10 emissions shall not exceed 0.12 g/hp-hr based on US EPA certification using ISO 8178 test procedure. [District Rules 2201 & 4102; and 13 CCR 2423 & 17 CCR 93115] Federally Enforceable Through Title V Permit
11. The engine shall be equipped with a CleanAIR PERMIT filter to control PM10, VOC and CO emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The CleanAIR PERMIT filter shall have at least 85% PM10 control efficiency, 90% VOC control efficiency and 95% CO control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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13. Only CARB certified fuel containing no more than 0.0015% sulfur by weight shall be used. [District Rule 2201; and 17 CCR 93115] Federally Enforceable Through Title V Permit
14. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.) and records of operational characteristics monitoring. For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain a readily accessible written record of the automated testing schedule. [District Rule 4702, 6.2.3] Federally Enforceable Through Title V Permit
15. The permittee shall maintain monthly records of the type of fuel purchased. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
16. 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 Rule 4702, 6.2.3 and 17 CCR 93115] Federally Enforceable Through Title V Permit

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