



APR 16 2012

Mark Dalrymple
Sunsweet Dryers
P.O. Box 607
Madera, CA 93639-0607

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # C-1694
Project # C-1110549**

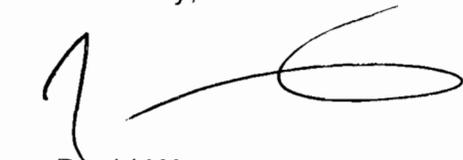
Dear Mr. Dalrymple:

Enclosed for your review and comment is the District's analysis of Sunsweet Dryer's application for the Federally Mandated Operating Permit for its fruit cleaning, dehydrating, sizing and storage operation located at 28390 Avenue 12 in Madera, California.

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

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

Sincerely,



David Warner
Director of Permit Services

cc: Derek Fukuda, Permit Services Engineer

Attachments

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
480D Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

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

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



APR 16 2012

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

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # C-1694
Project # C-1110549**

Dear Mr. Rios:

Enclosed for your review and comment is the District's analysis of Sunsweet Dryer's application for the Federally Mandated Operating Permit for its fruit cleaning, dehydrating, sizing and storage operation located at 28390 Avenue 12 in Madera, California.

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

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

Sincerely,



 David Warner
Director of Permit Services

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APR 16 2012

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

**Re: Notice of Preliminary Decision - Federally Mandated Operating Permit
District Facility # C-1694
Project # C-1110549**

Dear Mr. Tollstrup:

Enclosed for your review and comment is the District's analysis of Sunsweet Dryer's application for the Federally Mandated Operating Permit for its fruit cleaning, dehydrating, sizing and storage operation located at 28390 Avenue 12 in Madera, California.

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

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

Sincerely,

David Warner
Director of Permit Services

cc: Derek Fukuda, Permit Services Engineer

Attachments

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Fresno Bee

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

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed issuance of the Federally Mandated Operating permits to Sunsweet Dryers for its fruit cleaning, dehydrating, sizing and storage operation located at 28390 Avenue 12 in Madera, California.

The District's analysis of the legal and factual basis for this proposed action, project #C-1110549, is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the District office at the address below. There are no emission changes associated with this proposed action. This will be the public's only opportunity to comment on the specific conditions of the proposed Federally Mandated Operating initial permits. If requested by the public, the District will hold a public hearing regarding issuance of this initial permit. For additional information, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900. Written comments on the proposed initial permit must be submitted within 30 days of the publication date of this notice to DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CALIFORNIA 93726-0244.

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

SUNSWEET DRYERS

PROPOSED ENGINEERING EVALUATION

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TITLE V APPLICATION REVIEW

Project #: C-1110549
Deemed Complete: March 31, 2011

Engineer: Derek Fukuda
Date: August 15, 2011

Facility Number: C-1694
Facility Name: Sunsweet Dryers
Mailing Address: P.O. Box 607
Madera, CA 93639-0607

Contact Name: Mark Dalrymple
Phone: (530) 751-5271

Responsible Official: Mark Dalrymple
Title: Vice President Dryers

I. PROPOSAL

Sunsweet Dryers is proposing that an initial Title V permit be issued for its fruit cleaning, drying, sizing, and storage facility at 28390 Ave 12 in Madera County, CA. The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with those applicable requirements, and to provide the legal and factual basis for proposed permit conditions.

II. FACILITY LOCATION

Sunsweet Dryers is located at 28390 Ave 12 in Madera County, CA.

III. EQUIPMENT LISTING

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

A summary of the exempt equipment categories which describe the insignificant activities or equipment at the facility not requiring a permit is shown in Attachment B. This equipment is not exempt from facility-wide requirements.

IV. GENERAL PERMIT TEMPLATE USAGE

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

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

The applicant has requested to utilize template #SJV-UM-0-3, Facility-wide Umbrella General Permit Template for unit C-1694-0-1. Based on the information submitted on the Template Qualification Form (Attachment C), the applicant qualifies for the use of this template.

V. SCOPE OF EPA AND PUBLIC REVIEW

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

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

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

Conditions 1 through 40 of the requirements for permit unit C-1694-0-1.

VI. REQUIREMENTS ADDRESSED BY GENERAL PERMIT TEMPLATES

District Rule 1100, Equipment Breakdown (amended December 17, 1992) (Non-SIP replacement for Kern County Rule 111)

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

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

District Rule 2020, Exemptions (amended August 18, 2011). The amendments made to this rule on August 18, 2011 have no impact to this source; therefore template SJV-UM-0-3 is still valid for this project.

District Rule 2031, Transfer of Permits (amended December 17, 1992)

District Rule 2040, Applications (amended December 17, 1992)

District Rule 2070, Standards for Granting Applications (amended December 17, 1992)

District Rule 2080, Conditional Approval (amended December 17, 1992)

District Rule 2520, Sections 5.2, 9.1.1, 9.4, 9.5, 9.7, 9.8, 9.9, 9.13.1, 9.13.2, 9.16 and 10.0, Federally Mandated Operating Permits (amended June 21, 2001)

District Rule 4101, Visible Emissions (amended February 17, 2005)

District Rule 4601, Architectural Coatings (amended December 17, 2009)

District Rule 8011, General Requirements (amended August 19, 2004)

District Rule 8021, Construction, Demolition, Excavation, and Other Earthmoving Activities (amended August 19, 2004)

District Rule 8031, Bulk Materials (amended August 19, 2004)

District Rule 8041, Carryout and Trackout (amended August 19, 2004)

District Rule 8051, Open Areas (amended August 19, 2004)

District Rule 8061, Paved and Unpaved Roads (amended August 19, 2004)

District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas (amended September 16, 2004)

40 CFR Part 82, Subpart B and F, Stratospheric Ozone

40 CFR Part 61, Subpart M, National Emission Standard for Asbestos

VII. REQUIREMENTS NOT ADDRESSED BY GENERAL PERMIT TEMPLATES

District Rule 2201, New and Modified Stationary Source Review Rule (amended April 21, 2011)

District Rule 2520, Federally Mandate Operating Permits (amended June 21, 2001)

District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)

District Rule 4301, Fuel Burning Equipment (amended December 17, 1992)

District Rule 4309, Dryers, Dehydrators, and Ovens (adopted December 15, 2005)

40 CFR Part 64, Compliance Assurance Monitoring (CAM)

VIII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

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

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

District Rule 4102 – Nuisance

a. C-1694-0-1: Facility-Wide Requirements

- Condition 41 on the proposed permit is based on this rule.

b. C-1694-6-2: PHOSTOXIN FUMIGATION OPERATION INCLUDING (3) WAREHOUSES WITH A TOTAL CAPACITY OF 1,581,120 CUBIC FEET

- Conditions 1, 3, 4, and 5 on the proposed permit are based on this rule.

c. C-1694-8-1: FRUIT CLEANING OPERATION #1 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- Condition 1 on the proposed permit is based on this rule.

d. C-1694-9-1: FRUIT CLEANING OPERATION #2 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- Condition 1 on the proposed permit is based on this rule.

e. C-1694-10-1: FRUIT CLEANING OPERATION #3 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- Condition 1 on the proposed permit is based on this rule.

IX. COMPLIANCE

A. Requirements Addressed by Model General Permit Templates

1. Facility Wide Requirements

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

B. Requirements Not Addressed by Model General Permit Templates

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

The permit units are subject to the District NSR Rule upon application for Authority to Construct (ATC). In accordance with the White Paper for Streamlined Development of Part 70 Permit Applications, dated July 10, 1995, conditions from the resulting Permit to Operate (PTO) were addressed to define how NSR permit terms should be incorporated into the Title V permit.

**a) C-1694-1-3: 87.5 MMBTU/HR DEHYDRATING TUNNELS (#1-50)
SERVED BY 25 BURNERS RATED AT 3.5 MMBTU/HR EACH**

- Condition 1 from the current PTO has moved to the Facility-Wide permit as condition 41.
- Condition 2 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
- Condition 3 from the current PTO has been included as condition 2 on the requirements for the proposed permit.
- Condition 4 from the current PTO has moved to the Facility-Wide permit as condition 42.
- Condition 5 from the current PTO has moved to the Facility-Wide permit as condition 22.
- Condition 6 from the current PTO has been included as condition 3 on the requirements for the proposed permit.
- Condition 7 from the current PTO has been included as condition 8 on the requirements for the proposed permit.

**b) C-1694-2-2: 63.0 MMBTU/HR DEHYDRATING TUNNELS (#51-86)
SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH**

- Condition 1 from the current PTO has moved to the Facility-Wide permit as condition 41.
- Condition 2 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
- Condition 3 from the current PTO has moved to the Facility-Wide permit as condition 42.
- Condition 4 from the current PTO has moved to the Facility-Wide permit as condition 22.
- Condition 5 from the current PTO has been included as condition 2 on the requirements for the proposed permit.
- Condition 6 from the current PTO has been included as condition 7 on the requirements for the proposed permit.

c) C-1694-3-2: 63.0 MMBTU/HR DEHYDRATING TUNNELS (#87-122) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH

- Condition 1 from the current PTO has moved to the Facility-Wide permit as condition 41.
- Condition 2 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
- Condition 3 from the current PTO has moved to the Facility-Wide permit as condition 42.
- Condition 4 from the current PTO has moved to the Facility-Wide permit as condition 22.
- Condition 5 from the current PTO has been included as condition 2 on the requirements for the proposed permit.
- Condition 6 from the current PTO has been included as condition 7 on the requirements for the proposed permit.

d) C-1694-5-1: 10 HP DRIED PRUNE SIZING OPERATION SERVED BY A PITTSBURG-DES MOINES CORP 100" DIAMETER 1D-1D CYCLONE WITH A WESTERN BLOWER MOTOR (1750 CFM)

- Condition 1 from the current PTO has moved to the Facility-Wide permit as condition 41.
- Condition 2 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
- Condition 3 from the current PTO has moved to the Facility-Wide permit as condition 22

e) C-1694-6-2: PHOSTOXIN FUMIGATION OPERATION INCLUDING (3) WAREHOUSES WITH A TOTAL CAPACITY OF 1,581,120 CUBIC FEET

- Condition 1 from the current PTO has moved to the Facility-Wide permit as condition 41.
- Conditions 2 through 4 from the current PTO have been included as conditions 1 through 3 on the requirements for the proposed permit.
- Condition 5 from the current PTO has moved to the Facility-Wide permit as condition 22
- Conditions 6 through 8 from the current PTO have been included as conditions 4 through 6 on the requirements for the proposed permit.

f) C-1694-8-1: FRUIT CLEANING OPERATION #1 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- Condition 1 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
- Condition 2 from the current PTO has moved to the Facility-Wide permit as condition 41.
- Conditions 3 and 4 from the current PTO have been included as conditions 2 and 3 on the requirements for the proposed permit.
- Condition 5 from the current PTO has moved to the Facility-Wide permit as condition 22.
- Conditions 6 and 7 from the current PTO have been included as conditions 4 and 5 on the requirements for the proposed permit.

g) C-1694-9-1: FRUIT CLEANING OPERATION #2 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- Condition 1 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
- Condition 2 from the current PTO has moved to the Facility-Wide permit as condition 41.
- Conditions 3 and 4 from the current PTO have been included as conditions 2 and 3 on the requirements for the proposed permit.
- Condition 5 from the current PTO has moved to the Facility-Wide permit as condition 22.
- Conditions 6 and 7 from the current PTO have been included as conditions 4 and 5 on the requirements for the proposed permit.

h) C-1694-10-1: FRUIT CLEANING OPERATION #3 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- Condition 1 from the current PTO has been included as condition 1 on the requirements for the proposed permit.
- Condition 2 from the current PTO has moved to the Facility-Wide permit as condition 41.
- Conditions 3 and 4 from the current PTO have been included as conditions 2 and 3 on the requirements for the proposed permit.
- Condition 5 from the current PTO has moved to the Facility-Wide permit as condition 22.
- Conditions 6 and 7 from the current PTO have been included as conditions 4 and 5 on the requirements for the proposed permit.

2. District Rule 2520, Federally Mandated Operating Permits

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

3. District Rule 4201, Particulate Matter Concentration

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

Natural Gas-Fired Dehydrators:

The following analysis demonstrates that PM emissions from a dehydrator fired exclusively on natural gas will not exceed 0.1 gr/dscf:

F-Factor for NG: 8,578 dscf/MMBtu at 60 °F (40 CFR 60)

PM10 Emission Factor: 0.0048 lb-PM10/MMBtu (Current Permits)

Percentage of PM as PM10 in Exhaust: 100%

Exhaust Oxygen (O₂) Concentration: 3%

$$\text{Excess Air Correction to F Factor} = \frac{20.9}{(20.9 - 3)} = 1.17$$

$$GL = \left(2 \times \frac{0.0048 \text{ lb-PM}}{\text{MMBtu}} \times \frac{7,000 \text{ grain}}{\text{lb-PM}} \right) / \left(\frac{8,578 \text{ ft}^3}{\text{MMBtu}} \times 1.17 \right)$$

$$GL = 0.007 \text{ grain/dscf} < 0.1 \text{ grain/dscf}$$

a) C-1694-1-3: 87.5 MMBTU/HR DEHYDRATING TUNNELS (#1-50) SERVED BY 25 BURNERS RATED AT 3.5 MMBTU/HR EACH

- Condition 4 of the requirements for proposed permit -1-3 ensures compliance with these requirements.

b) C-1694-2-2: 63.0 MMBTU/HR DEHYDRATING TUNNELS (#51-86) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH

- Condition 4 of the requirements for proposed permit -2-2 ensures compliance with these requirements.

**c) C-1694-3-2: 63.0 MMBTU/HR DEHYDRATING TUNNELS (#87-122)
SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH**

- Condition 4 of the requirements for proposed permit -3-2 ensures compliance with these requirements.

Prune Sizing Operation:

The following analysis demonstrates that PM emissions from prune sizing operations will not exceed 0.1 gr/dscf:

$$\text{PM Conc. (gr/scf)} = \frac{(\text{PM emission rate}) \times (7,000 \text{ gr/lb})}{(\text{Air flow rate}) \times (60 \text{ min/hr}) \times (24 \text{ hr/day})}$$

PM₁₀ emission rate = 36 lb/day. Assuming 100% of PM is PM₁₀
Exhaust Gas Flow = 1,750 cfm

$$\text{PM Conc. (gr/scf)} = [(36 \text{ lb/day}) \times (7,000 \text{ gr/lb})] \div [(1,750 \text{ ft}^3/\text{min}) \times (60 \text{ min/hr}) \times (24 \text{ hr/day})]$$

$$\text{PM Conc.} = 0.1 \text{ gr/scf} \leq 0.1 \text{ gr/scf}$$

**d) C-1694-5-1: 10 HP DRIED PRUNE SIZING OPERATION SERVED BY
A PITTSBURG-DES MOINES CORP 100" DIAMETER 1D-1D
CYCLONE WITH A WESTERN BLOWER MOTOR (1750 CFM)**

- Condition 1 of the requirements for proposed permit -5-1 ensures compliance with these requirements.

Fruit Cleaning Operations:

The following analysis demonstrates that PM emissions from the fruit cleaning operations will not exceed 0.1 gr/dscf:

$$\text{PM Conc. (gr/scf)} = \frac{(\text{PM emission rate}) \times (7,000 \text{ gr/lb})}{(\text{Air flow rate}) \times (60 \text{ min/hr}) \times (24 \text{ hr/day})}$$

PM₁₀ emission rate = 2.0 lb/day. Assuming 100% of PM is PM₁₀
Exhaust Gas Flow = 5,000 cfm (project C-1040151)

$$\text{PM Conc. (gr/scf)} = [(2.0 \text{ lb/day}) * (7,000 \text{ gr/lb})] \div [(5,000 \text{ ft}^3/\text{min}) * (60 \text{ min/hr}) * (24 \text{ hr/day})]$$

$$\text{PM Conc.} = 0.002 \text{ gr/scf} < 0.1 \text{ gr/scf}$$

e) C-1694-8-1: FRUIT CLEANING OPERATION #1 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- Condition 3 of the requirements for proposed permit -8-1 ensures compliance with these requirements.

f) C-1694-9-1: FRUIT CLEANING OPERATION #2 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- Condition 3 of the requirements for proposed permit -9-1 ensures compliance with these requirements.

g) C-1694-10-1: FRUIT CLEANING OPERATION #3 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- Condition 3 of the requirements for proposed permit -10-1 ensures compliance with these requirements.

4. District Rule 4301, Fuel Burning Equipment

Rule 4301 limits the emissions of air contaminants from fuel burning equipment. The rule limits the concentration of combustion contaminants and specifies maximum emission rates for sulfur dioxide, nitrogen oxide and combustion contaminant emissions.

Section 5.1 limits PM emissions to 0.1 grain per cubic foot of gas calculated to 12% carbon dioxide at standard conditions.

Section 5.2.2 requires NO_x emissions be limited to 140 lb/hr (calculated as NO₂).

Section 5.2.3 limits combustion contaminants, particulate matter discharged into the atmosphere from the burning of any kind of material containing carbon in a free or combined state, derived from the fuel to ten (10) pounds per hour.

Natural Gas-Fired Dehydrators:

District Rule 4301 Limits			
Pollutant	NO ₂	Total PM	SO ₂
C-1694-1-3 (lb/hr)	1.4	0.4	1.1
C-1694-2-2 (lb/hr)	1.0	0.3	0.8
C-1694-3-2 (lb/hr)	1.0	0.3	0.8
Rule Limit (lb/hr)	140	10	200

As demonstrated in the table above, all the dehydrators at this facility are in compliance with this District Rule.

- a) **C-1694-1-3:** 87.5 MMBTU/HR DEHYDRATING TUNNELS (#1-50)
 SERVED BY 25 BURNERS RATED AT 3.5 MMBTU/HR EACH
 - Condition 3 of the requirements for proposed permit -1-3 ensures compliance with these requirements.

- b) **C-1694-2-2:** 63.0 MMBTU/HR DEHYDRATING TUNNELS (#51-86)
 SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH
 - Condition 2 of the requirements for proposed permit -2-2 ensures compliance with these requirements.

- c) **C-1694-3-2:** 63.0 MMBTU/HR DEHYDRATING TUNNELS (#87-122)
 SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH
 - Condition 2 of the requirements for proposed permit -3-2 ensures compliance with these requirements.

5. District Rule 4309 – Dryers, Dehydrators, and Ovens

The purpose of this rule is to limit emissions of oxides of nitrogen (NO_x) and carbon monoxide (CO) from dryers, dehydrators, and ovens. This rule applies to any dryer, dehydrator, or oven that is fired on gaseous fuel, liquid fuel, or is fired on gaseous and liquid fuel sequentially, and the total rated heat input for the unit is 5.0 million British thermal units per hour (5.0 MMBtu/hr) or greater. Since the dehydrator at this facility have a heat input rating greater than 5.0 MMBtu, they are subject to the requirements of this rule.

Section 3.9 defines as dehydrator as a device that drives free water from products like fruits, vegetables, and nuts, at an accelerated rate without damage to the product. According to this definition, the unit in this project is classified as a dehydrator.

Section 5.1 states that dehydrators shall be fired exclusively on PUC quality natural gas, except during periods of PUC quality natural gas curtailment. The following condition will be added to the permit to assure compliance with the requirements of this section.

Section 5.1.1 states that all dehydrators shall be operated and maintained according to manufacturer's specifications or APCO-approved alternative procedures. The following condition will be added to the permit to assure compliance with the requirements of this section.

Section 5.1.2 states that operation and maintenance records and manufacturer's specifications/APCO-approved alternative procedures shall be maintained in accordance with Section 6.1.3. Conditions demonstrating compliance with this section will be discussed in the Section 6.1.3 compliance discussion below.

Section 5.4.2 states that operators of a dehydrator shall maintain records that demonstrate, to the satisfaction of the APCO, ARB, and US EPA that the dehydrator is:

- Fired exclusively on PUC quality natural gas, except during PUC quality natural gas curtailment, and
- Properly operated and maintained according to manufacturer's specifications or APCO-approved alternative procedures.

Conditions demonstrating compliance with this section will be discussed in the Section 6.1.3 compliance discussion below.

Section 6.1.3 states that the operator of a dehydrator shall maintain the following records:

- Records that show the dehydrator is fired exclusively on PUC quality natural gas, except during PUC quality natural gas curtailment.
- Operation and maintenance records that demonstrate operation of the dehydrator within the limits of the manufacturer's specification and maintenance according to manufacturer's recommendation or APCO-approved alternative procedures.

- Operation records shall be maintained on a daily basis when the dehydrator is operating on that day.
- The operator shall keep maintenance records that verify that maintenance was performed in accordance with manufacturer's specifications or APCO-approved alternative procedures.

Section 6.1.3.3 states that a copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. The following condition will be added to the permit to assure compliance with the requirements of this section.

Section 7.4 states that an operator of a dehydrator subject to this rule shall be in compliance with this rule by July 1, 2006. Since the dehydrators in at this facility meet the all the requirements of District Rule 4309, these dehydrators are in compliance with the requirements of this section.

- a) **C-1694-1-3:** 87.5 MMBTU/HR DEHYDRATING TUNNELS (#1-50)
SERVED BY 25 BURNERS RATED AT 3.5 MMBTU/HR EACH
 - Conditions 1 and 5 through 8 of the requirements for proposed permit -1-3 ensures compliance with these requirements.
- b) **C-1694-2-2:** 63.0 MMBTU/HR DEHYDRATING TUNNELS (#51-86)
SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH
 - Conditions 1 and 4 through 7 of the requirements for proposed permit -2-2 ensures compliance with these requirements.
- c) **C-1694-3-2:** 63.0 MMBTU/HR DEHYDRATING TUNNELS (#87-122)
SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH
 - Conditions 1 and 4 through 7 of the requirements for proposed permit -3-2 ensures compliance with these requirements.

6. 40 CFR Part 64, CAM

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

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

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

a) C-1694-1-3: 87.5 MMBTU/HR DEHYDRATING TUNNELS (#1-50) SERVED BY 25 BURNERS RATED AT 3.5 MMBTU/HR EACH

- 1) This unit contains emission limits for NO_x, SO_x, PM₁₀, CO, and VOC.
- 2) The emissions from this unit are not controlled by any type of control device; therefore it is not subject to CAM.

b) C-1694-2-2: 63.0 MMBTU/HR DEHYDRATING TUNNELS (#51-86) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH

- 1) This unit contains emission limits for NO_x, SO_x, PM₁₀, CO, and VOC.
- 2) The emissions from this unit are not controlled by any type of control device; therefore it is not subject to CAM.

c) C-1694-3-2: 63.0 MMBTU/HR DEHYDRATING TUNNELS (#87-122) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH

- 1) This unit contains emission limits for NO_x, SO_x, PM₁₀, CO, and VOC.
- 2) The emissions from this unit are not controlled by any type of control device; therefore it is not subject to CAM.

d) C-1694-5-1: 10 HP DRIED PRUNE SIZING OPERATION SERVED BY A PITTSBURG-DES MOINES CORP 100" DIAMETER 1D-1D CYCLONE WITH A WESTERN BLOWER MOTOR (1750 CFM)

- 1) This unit contains emission limits for PM. Assume all PM is equal to PM₁₀.
- 2) This unit is served by a cyclone dust collector to control PM₁₀ emissions.
- 3) The cyclone will be assumed to have a PM₁₀ control efficiency of 50%.

Pre-control Annual PE:

$$\begin{aligned} \text{PE} &= \text{EF (gr/dscf)} \times \text{CFM (dscf/min)} \times (1 \text{ lb}/7000 \text{ gr}) \times 525,600 \\ &\quad \text{min/year} \\ &= (0.1 \text{ lb-PM}_{10}/\text{ton}) \times (1,750 \text{ dsf}/\text{min}) \times (1 \text{ lb}/7000 \text{ gr}) \times (525,600 \\ &\quad \text{min}/\text{year}) \\ &= \mathbf{13,140 \text{ lb-PM}_{10}/\text{year}} \end{aligned}$$

$$\begin{aligned} \text{Pre-control PE} &= \text{PE} \div (1 - \text{CE}) \\ &= (13,140 \text{ lb-PM}_{10}/\text{year}) \div (1 - 0.5) \\ &= \mathbf{26,280 \text{ lb-PM}_{10}/\text{year}} \end{aligned}$$

Since 26,280 lb-PM₁₀/yr < 140,000 lb-PM₁₀/yr (Major Source threshold for PM₁₀), this unit is not subject to CAM for PM₁₀ emissions.

e) C-1694-6-2: PHOSTOXIN FUMIGATION OPERATION INCLUDING (3) WAREHOUSES WITH A TOTAL CAPACITY OF 1,581,120 CUBIC FEET

- 1) This emissions unit does not have emission limits for any criteria pollutants and is therefore not subject to CAM.

f) C-1694-8-1: FRUIT CLEANING OPERATION #1 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- 4) This unit contains emission limits for PM₁₀.
- 5) This unit is served by a cyclone dust collector to control PM₁₀ emissions.
- 6) The cyclone will be assumed to have a PM₁₀ control efficiency of 50%.

Pre-control Annual PE:

$$\begin{aligned} \text{PE} &= \text{EF (lb-PM}_{10}\text{/ton)} \times \text{Throughput (tons/day)} \times 365 \text{ days/year} \\ &= (0.0125 \text{ lb-PM}_{10}\text{/ton}) \times (160 \text{ tons/day}) \times (365 \text{ days/year}) \\ &= \mathbf{730 \text{ lb-PM}_{10}\text{/year}} \end{aligned}$$

$$\begin{aligned} \text{Pre-control PE} &= \text{PE} \div (1 - \text{CE}) \\ &= (730 \text{ lb-PM}_{10}\text{/year}) \div (1 - 0.5) \\ &= \mathbf{1,460 \text{ lb-PM}_{10}\text{/year}} \end{aligned}$$

Since 1,460 lb-PM₁₀/yr < 140,000 lb-PM₁₀/yr (Major Source threshold for PM₁₀), this unit is not subject to CAM for PM₁₀ emissions.

g) C-1694-9-1: FRUIT CLEANING OPERATION #2 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- 1) This unit contains emission limits for PM₁₀.
- 2) This unit is served by a cyclone dust collector to control PM₁₀ emissions.
- 3) The cyclone will be assumed to have a PM₁₀ control efficiency of 50%.

Pre-control Annual PE:

$$\begin{aligned} \text{PE} &= \text{EF (lb-PM}_{10}\text{/ton)} \times \text{Throughput (tons/day)} \times 365 \text{ days/year} \\ &= (0.0125 \text{ lb-PM}_{10}\text{/ton}) \times (160 \text{ tons/day}) \times (365 \text{ days/year}) \\ &= \mathbf{730 \text{ lb-PM}_{10}\text{/year}} \end{aligned}$$

$$\begin{aligned} \text{Pre-control PE} &= \text{PE} \div (1 - \text{CE}) \\ &= (730 \text{ lb-PM}_{10}\text{/year}) \div (1 - 0.5) \\ &= \mathbf{1,460 \text{ lb-PM}_{10}\text{/year}} \end{aligned}$$

Since 1,460 lb-PM₁₀/yr < 140,000 lb-PM₁₀/yr (Major Source threshold for PM₁₀), this unit is not subject to CAM for PM₁₀ emissions.

h) C-1694-10-1: FRUIT CLEANING OPERATION #3 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

- 1) This unit contains emission limits for PM₁₀.
- 2) This unit is served by a cyclone dust collector to control PM₁₀ emissions.
- 3) The cyclone will be assumed to have a PM₁₀ control efficiency of 50%.

Pre-control Annual PE:

$$\begin{aligned} PE &= EF (\text{lb-PM}_{10}/\text{ton}) \times \text{Throughput (tons/day)} \times 365 \text{ days/year} \\ &= (0.0125 \text{ lb-PM}_{10}/\text{ton}) \times (160 \text{ tons/day}) \times (365 \text{ days/year}) \\ &= \mathbf{730 \text{ lb-PM}_{10}/\text{year}} \end{aligned}$$

$$\begin{aligned} \text{Pre-control PE} &= PE \div (1 - CE) \\ &= (730 \text{ lb-PM}_{10}/\text{year}) \div (1 - 0.5) \\ &= \mathbf{1,460 \text{ lb-PM}_{10}/\text{year}} \end{aligned}$$

Since 1,460 lb-PM₁₀/yr < 140,000 lb-PM₁₀/yr (Major Source threshold for PM₁₀), this unit is not subject to CAM for PM₁₀ emissions.

X. PERMIT SHIELD

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

A. Requirements Addressed by Model General Permit Templates

By using the model general permit template listed in Section IV of this evaluation, the applicant has requested that a permit shield be issued for requirements addressed in the template. The basis for each permit shield is discussed in the Permit Shield section of each template.

XI. PERMIT CONDITIONS

See draft operating permit beginning on the following page.

San Joaquin Valley Air Pollution Control District

FACILITY: C-1694-0-1

EXPIRATION DATE: 07/31/2016

FACILITY-WIDE REQUIREMENTS

1. {4362} The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. {4363} The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. {4368} Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

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

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

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

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

34. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
35. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
36. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. {4400} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. {4401} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. The maximum annual usage of natural gas shall not exceed 912 MMscf (958,125 MMBtu) for the entire facility. [District Rule 2201] Federally Enforceable Through Title V Permit
43. On (MONTH DAY, YEAR), the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days after the end of the reporting period. [District Rule 2520] Federally Enforceable Through Title V Permit

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

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-1-3

EXPIRATION DATE: 07/31/2016

EQUIPMENT DESCRIPTION:

87.5 MMBTU/HR DEHYDRATING TUNNELS (#1-50) SERVED BY 25 BURNERS RATED AT 3.5 MMBTU/HR EACH

PERMIT UNIT REQUIREMENTS

1. The burners shall be fired only on natural gas. [District Rules 2201 and 4309, 5.1] Federally Enforceable Through Title V Permit
2. The maximum daily usage of natural gas for this permit shall not exceed 1.83 MMscf (1920 MMBtu) in one day. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Emissions from the dehydrating tunnels shall not exceed any of the following limits: 0.11 lb CO/MMBtu, 0.016 lb NOx/MMBtu, 0.0048 lb PM10/MMBtu, 0.013 lb SOx/MMBtu, or 0.026 lb VOC/MMBtu. [District Rules 2201, 4301, 5.1 and 5.2] 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. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309, 5.4.2] Federally Enforceable Through Title V Permit
6. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309, 6.1.3] Federally Enforceable Through Title V Permit
7. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309, 6.1.3] Federally Enforceable Through Title V Permit
8. A record of daily fuel consumption shall be maintained, retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rules 1070 and 4309, 6.1.6] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-2-2

EXPIRATION DATE: 07/31/2016

EQUIPMENT DESCRIPTION:

63.0 MMBTU/HR DEHYDRATING TUNNELS (#51-86) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH

PERMIT UNIT REQUIREMENTS

1. The burners shall be fired only on natural gas. [District Rules 2201 and 4309, 5.1] Federally Enforceable Through Title V Permit
2. Emissions from the dehydrating tunnels shall not exceed any of the following limits: 0.11 lb CO/MMBtu, 0.016 lb NO_x/MMBtu, 0.0048 lb PM₁₀/MMBtu, 0.013 lb SO_x/MMBtu, or 0.026 lb VOC/MMBtu. [District Rules 2201, 4301, 5.1 and 5.2] 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. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309, 5.4.2] Federally Enforceable Through Title V Permit
5. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309, 6.1.3] Federally Enforceable Through Title V Permit
6. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309, 6.1.3] Federally Enforceable Through Title V Permit
7. A record of daily fuel consumption shall be maintained, retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rules 1070 and 4309, 6.1.6] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-3-2

EXPIRATION DATE: 07/31/2016

EQUIPMENT DESCRIPTION:

63.0 MMBTU/HR DEHYDRATING TUNNELS (#87-122) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH

PERMIT UNIT REQUIREMENTS

1. The burners shall be fired only on natural gas. [District Rules 2201 and 4309, 5.1] Federally Enforceable Through Title V Permit
2. Emissions from the dehydrating tunnels shall not exceed any of the following limits: 0.11 lb CO/MMBtu, 0.016 lb NO_x/MMBtu, 0.0048 lb PM₁₀/MMBtu, 0.013 lb SO_x/MMBtu, or 0.026 lb VOC/MMBtu. [District Rules 2201, 4301, 5.1 and 5.2] 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. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309, 5.4.2] Federally Enforceable Through Title V Permit
5. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309, 6.1.3] Federally Enforceable Through Title V Permit
6. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309, 6.1.3] Federally Enforceable Through Title V Permit
7. A record of daily fuel consumption shall be maintained, retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rules 1070 and 4309, 6.1.6] Federally Enforceable Through Title V Permit

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

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-1694-5-1

EXPIRATION DATE: 07/31/2016

EQUIPMENT DESCRIPTION:

10 HP DRIED PRUNE SIZING OPERATION SERVED BY A PITTSBURG-DES MOINES CORP 100' DIAMETER 1D-1D CYCLONE WITH A WESTERN BLOWER MOTOR (1750 CFM)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-6-2

EXPIRATION DATE: 07/31/2016

SECTION: 5 **TOWNSHIP:** 12S **RANGE:** 17E

EQUIPMENT DESCRIPTION:

PHOSTOXIN FUMIGATION OPERATION INCLUDING (3) WAREHOUSES WITH A TOTAL CAPACITY OF 1,581,120 CUBIC FEET

PERMIT UNIT REQUIREMENTS

1. No fumigant other than Aluminum Phosphide (Phostoxin) shall be used. [District NSR Rule and District Rule 4102] Federally Enforceable Through Title V Permit
2. The fumigation chamber shall be air tight during the fumigation process. [District NSR Rule] Federally Enforceable Through Title V Permit
3. 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]
4. Phosphine emissions shall not exceed 64.6 lb/day (based on 200 lb/day Phostoxin use). [District Rule 4102]
5. Phosphine emissions shall not exceed 458.7 lb/year (based on 1,420 lb/year Phostoxin use). [District Rule 4102]
6. Detailed daily records of the amount of Phostoxin used shall be maintained, retained on the premises for at least 5 years, and 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: C-1694-8-1

EXPIRATION DATE: 07/31/2016

EQUIPMENT DESCRIPTION:

FRUIT CLEANING OPERATION #1 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

PERMIT UNIT REQUIREMENTS

1. The cyclone 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]
2. No more than 160 tons of prunes may be processed by this aspirator per day. [District Rule 2201] 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. Emissions from the aspirator shall not exceed 0.0125 lb PM10/ton of prunes. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily records of the amount of prunes processed shall be kept. These records shall be maintained and kept for at least 5 years, and shall be made readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-9-1

EXPIRATION DATE: 07/31/2016

EQUIPMENT DESCRIPTION:

FRUIT CLEANING OPERATION #2 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

PERMIT UNIT REQUIREMENTS

1. The cyclone 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]
2. No more than 160 tons of prunes may be processed by this aspirator per day. [District Rule 2201] 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. Emissions from the aspirator shall not exceed 0.0125 lb PM10/ton of prunes. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily records of the amount of prunes processed shall be kept. These records shall be maintained and kept for at least 5 years, and shall be made readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-10-1

EXPIRATION DATE: 07/31/2016

EQUIPMENT DESCRIPTION:

FRUIT CLEANING OPERATION #3 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

PERMIT UNIT REQUIREMENTS

1. The cyclone 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]
2. No more than 160 tons of prunes may be processed by this aspirator per day. [District Rule 2201] 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. Emissions from the aspirator shall not exceed 0.0125 lb PM10/ton of prunes. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily records of the amount of prunes processed shall be kept. These records shall be maintained and kept for at least 5 years, and shall be made readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit

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

Attachment A

Detailed Facility Printout

Detailed Facility Report
For Facility=1694 and excluding Deleted Permits
Sorted by Facility Name and Permit Number

SUNSWEEET DRYERS	FAC #	C:1694	TYPE:	TitleV	EXPIRE.ON:	07/31/2012
28390 AVENUE 12	STATUS:	A	TOXIC ID:	AREA:	1 /	
MADERA, CA 93637	TELEPHONE:	5306745010		INSP. DATE:	10/12	

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-1694-1-2	87,500 KBTU/HR	3020-02 H	1	1,030.00	1,030.00	A	87.5 MMBTU/HR DEHYDRATING TUNNELS (#1-50) SERVED BY 25 BURNERS RATED AT 3.5 MMBTU/HR EACH
C-1694-2-1	63,000 KBTU/HR	3020-02 H	1	1,030.00	1,030.00	A	63.0 MMBTU/HR DEHYDRATING TUNNELS (#51-86) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH
C-1694-3-1	63,000 KBTU/HR	3020-02 H	1	1,030.00	1,030.00	A	63.0 MMBTU/HR DEHYDRATING TUNNELS (#87-122) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH
C-1694-5-0	10 HP	3020-01 A	1	87.00	87.00	A	10 HP DRIED PRUNE SIZING OPERATION SERVED BY A PITTSBURG-DES MOINES CORP 100" DIAMETER 1D-1D CYCLONE WITH A WESTERN BLOWER MOTOR (1750 CFM)
C-1694-6-1	Phostoxin fumigation operation	3020-06	1	105.00	105.00	A	PHOSTOXIN FUMIGATION OPERATION INCLUDING (3) WAREHOUSES WITH A TOTAL CAPACITY OF 1,581,120 CUBIC FEET
C-1694-8-0	10 hp electric blower motor	3020-01 A	1	87.00	87.00	A	FRUIT CLEANING OPERATION #1 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE
C-1694-9-0	10 hp electric motor	3020-01 A	1	87.00	87.00	A	FRUIT CLEANING OPERATION #2 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE
C-1694-10-0	10 hp electric motor	3020-01 A	1	87.00	87.00	A	FRUIT CLEANING OPERATION #3 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

Number of Facilities Reported: 1

Attachment B

Exempt Equipment

**San Joaquin Valley
Unified Air Pollution Control District
Title V Application - INSIGNIFICANT ACTIVITIES**

COMPANY NAME: Sunsweet Dryers Madera Facility

FACILITY ID: C-1694

Check the box next to the exemption category from Rule 2020 which describes any insignificant activity or equipment at your facility not requiring a permit.

Exemption Category	Rule 2020 Citation	√	Exemption Category	Rule 2020 Citation	√
Structure or incinerator assoc. with a structure designed as a dwelling for 4 families or less	4.1		Containers used to store refined lubricating oils	6.6.8	
Locomotives, airplanes, and watercraft used to transport passengers or freight	4.4		Unvented pressure vessels used exclusively to store liquified gases or assoc with exempt equipment	6.6.9 or 6.13	x
Natural gas or LPG-fired boilers or other indirect heat transfer units of 5 MMBtu/hr or less	6.1.1		Portable tanks used exclusively to store produced fluids for ≤ six months	6.6.10	
Piston-type i.c.engine with maximum continuous rating of 50 braking horsepower (bhp) or less	6.1.2		Mobile transport tanks on delivery vehicles of VOCs	6.6.11	
Gas turbine engines with maximum heat input rating of 3 MMBtu/hr or less	6.1.3		Loading racks used for the transfer of less than 4,000 gal/day of unheated organic material with initial boiling point ≥ 302 F or of fuel oil with specific gravity ≥ 0.8251	6.7.1.1	
Space heating equipment other than boilers	6.1.4		Loading racks used for the transfer of asphalt, crude or residual oil stored in exempt tanks, or crude oil with specific gravity ≥ 0.8762	6.7.1.2	
Cooling towers with a circulation rate less than 10,000 gal/min, and that are not used for cooling of process water, or water from barometric jets or condensers++	6.2		Equipment used exclusively for the transfer of refined lubricating oil	6.7.2	
Use of less than 2 gal/day of graphic arts materials	6.3		Equipment used to apply architectural coatings	6.8.1	
Equipment at retail establishments used to prepare food for human consumption	6.4.1		Unheated, non-conveyorized cleaning equipment with < 10 ft ² open area; using solvents with initial boiling point ≥ 248 F; and < 25 gal/yr. evaporative losses	6.9	
Ovens at bakeries with total daily production less than 1,000 pounds and exempt by sec. 6.1.1.	6.4.3		Brazing, soldering, or welding equipment	6.10	x
Equipment used exclusively for extruding or compression molding of rubber or plastics, where no plastisizer or blowing agent is used	6.5		Equipment used to compress natural gas	6.11	
Containers used to store clean produced water	6.6.1		Fugitive emissions sources assoc. with exempt equipment	6.12	
Containers ≤ 100 bbl used to store oil with specific gravity ≥ 0.8762	6.6.2		Pits and Ponds as defined in Rule 1020	6.15	x
Containers ≤ 100 bbl installed prior to 6/1/89 used to store oil with specific gravity ≥ 0.8762	6.6.3		On-site roadmix manufacturing and the application of roadmix as a road base material	6.17	
Containers with a capacity ≤ 250 gallons used to store organic material where the actual storage temperature < 150 F	6.6.4		Emissions less than 2 lb/day from units not included above	6.19	
Containers used to store unheated organic material with an initial boiling point ≥ 302 F	6.6.5		Venting PUC quality natural gas from for sole purpose of pipeline and compressor repair and or maintenance	7.2	
Containers used to store fuel oils or non-air-blown asphalt with specific gravity ≥ 0.9042	6.6.6		Non-structural repairs & maintenance to permitted equipment	7.3	
Containers used to store petroleum distillates used as motor fuel with specific gravity ≥ 0.8251	6.6.7		Detonation of explosives ≤ 100 lb/day and 1,000 lb/year	7.4	

No insignificant activities (Check this box if no equipment in the above categories exist at your facility.)

Attachment C

Template Qualification Form

Template SJV-UM-0-3

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

District facility ID #

C-1694
C-1694

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

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

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


Signature of Responsible Official

Date

8/12/2011Mark D. Dalrymple
Name of Responsible Official (Please Print)

Attachment D

Current Permits to Operate

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-1-2

EXPIRATION DATE: 07/31/2012

EQUIPMENT DESCRIPTION:

87.5 MMBTU/HR DEHYDRATING TUNNELS (#1-50) SERVED BY 25 BURNERS RATED AT 3.5 MMBTU/HR EACH

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The burners shall be fired only on natural gas. [District Rule 2201]
3. The maximum daily usage of natural gas for this permit shall not exceed 1.83 MMscf (1920 MMBtu) in one day. [District Rule 2201]
4. The maximum annual usage of natural gas shall not exceed 912 MMscf (958,125 MMBtu) for the entire facility. [District Rule 2201]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Emissions from the dehydrating tunnels shall not exceed any of the following limits: 0.11 lb CO/MMBtu, 0.016 lb NO_x/MMBtu, 0.0048 lb PM₁₀/MMBtu, 0.013 lb SO_x/MMBtu, or 0.026 lb VOC/MMBtu. [District Rule 2201]
7. A record of daily fuel consumption shall be maintained, retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-2-1

EXPIRATION DATE: 07/31/2012

EQUIPMENT DESCRIPTION:

63.0 MMBTU/HR DEHYDRATING TUNNELS (#51-86) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The burners shall be fired only on natural gas. [District Rule 2201]
3. The maximum annual usage of natural gas shall not exceed 912 MMscf (958,125 MMBtu) for the entire facility. [District Rule 2201]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. Emissions from the dehydrating tunnels shall not exceed any of the following limits: 0.11 lb CO/MMBtu, 0.016 lb NOx/MMBtu, 0.0048 lb PM10/MMBtu, 0.013 lb SOx/MMBtu, or 0.026 lb VOC/MMBtu. [District Rule 2201]
6. A record of daily fuel consumption shall be maintained, retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-3-1

EXPIRATION DATE: 07/31/2012

EQUIPMENT DESCRIPTION:

63.0 MMBTU/HR DEHYDRATING TUNNELS (#87-122) SERVED BY 18 BURNERS RATED AT 3.5 MMBTU/HR EACH

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The burners shall be fired only on natural gas. [District Rule 2201]
3. The maximum annual usage of natural gas shall not exceed 912 MMscf (958,125 MMBtu) for the entire facility. [District Rule 2201]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
5. Emissions from the dehydrating tunnels shall not exceed any of the following limits: 0.11 lb CO/MMBtu, 0.016 lb NO_x/MMBtu, 0.0048 lb PM₁₀/MMBtu, 0.013 lb SO_x/MMBtu, or 0.026 lb VOC/MMBtu. [District Rule 2201]
6. A record of daily fuel consumption shall be maintained, retained on the premises for a period of at least 5 years and made available for District inspection upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-5-0

EXPIRATION DATE: 07/31/2012

EQUIPMENT DESCRIPTION:

10 HP DRIED PRUNE SIZING OPERATION SERVED BY A PITTSBURG-DES MOINES CORP 100" DIAMETER 1D-1D CYCLONE WITH A WESTERN BLOWER MOTOR (1750 CFM)

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-6-1

EXPIRATION DATE: 07/31/2012

SECTION: 5 **TOWNSHIP:** 12S **RANGE:** 17E

EQUIPMENT DESCRIPTION:

PHOSTOXIN FUMIGATION OPERATION INCLUDING (3) WAREHOUSES WITH A TOTAL CAPACITY OF 1,581,120 CUBIC FEET

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No fumigant other than Aluminum Phosphide (Phostoxin) shall be used. [District NSR Rule and District Rule 4102]
3. The fumigation chamber shall be air tight during the fumigation process. [District NSR Rule]
4. 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]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Phosphine emissions shall not exceed 64.6 lb/day (based on 200 lb/day Phostoxin use). [District Rule 4102]
7. Phosphine emissions shall not exceed 458.7 lb/year (based on 1,420 lb/year Phostoxin use). [District Rule 4102]
8. Detailed daily records of the amount of Phostoxin used shall be maintained, retained on the premises for at least 5 years, and made available for District inspection upon request. [District Rule 1070]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-8-0

EXPIRATION DATE: 07/31/2012

EQUIPMENT DESCRIPTION:

FRUIT CLEANING OPERATION #1 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

PERMIT UNIT REQUIREMENTS

1. The cyclone 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]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No more than 160 tons of prunes may be processed by this aspirator per day. [District Rule 2201]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Emissions from the aspirator shall not exceed 0.0125 lb PM10/ton of prunes. [District Rule 2201]
7. Daily records of the amount of prunes processed shall be kept. These records shall be maintained and kept for at least 5 years, and shall be made readily available for District inspection upon request. [District Rule 2201]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-9-0

EXPIRATION DATE: 07/31/2012

EQUIPMENT DESCRIPTION:

FRUIT CLEANING OPERATION #2 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

PERMIT UNIT REQUIREMENTS

1. The cyclone 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]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No more than 160 tons of prunes may be processed by this aspirator per day. [District Rule 2201]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Emissions from the aspirator shall not exceed 0.0125 lb PM10/ton of prunes. [District Rule 2201]
7. Daily records of the amount of prunes processed shall be kept. These records shall be maintained and kept for at least 5 years, and shall be made readily available for District inspection upon request. [District Rule 2201]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-1694-10-0

EXPIRATION DATE: 07/31/2012

EQUIPMENT DESCRIPTION:

FRUIT CLEANING OPERATION #3 EQUIPPED WITH AN ASPIRATOR SERVED BY A LMC WEST MODEL LHE42 HIGH EFFICIENCY CYCLONE

PERMIT UNIT REQUIREMENTS

1. The cyclone 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]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No more than 160 tons of prunes may be processed by this aspirator per day. [District Rule 2201]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
6. Emissions from the aspirator shall not exceed 0.0125 lb PM10/ton of prunes. [District Rule 2201]
7. Daily records of the amount of prunes processed shall be kept. These records shall be maintained and kept for at least 5 years, and shall be made readily available for District inspection upon request. [District Rule 2201]

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