



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

APR 19 2010

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 – Title V Permit Renewal
District Facility # S-525
Project # S-1082034**

Dear Mr. Rios:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Land O' Lakes, Inc. for its milk processing/dairy products manufacturing facility located at 400 South M St in Tulare, 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

Attachments

C: Jerry Sandhu, 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

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



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

APR 19 2010

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

Re: Notice of Preliminary Decision - Title V Permit Renewal
District Facility # S-525
Project # S-1082034

Dear Mr. Tollstrup:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Land O' Lakes, Inc. for its milk processing/dairy products manufacturing facility located at 400 South M St in Tulare, 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

Attachments

C: Jerry Sandhu, Permit Services Engineer

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San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

APR 19 2010

Douglas Findley
Land O' Lakes, Inc.
400 South M St
Tulare, CA 93274

**Re: Notice of Preliminary Decision - Title V Permit Renewal
District Facility # S-525
Project # S-1082034**

Dear Mr. Findley:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Land O' Lakes, Inc. for its milk processing/dairy products manufacturing facility located at 400 South M St in Tulare, 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,

A handwritten signature in black ink, appearing to read "David Warner", with a long horizontal flourish extending to the right.

David Warner
Director of Permit Services

Attachments

C: Jerry Sandhu, Permit Services Engineer

Seyed Sadredin

Executive Director/Air Pollution Control Officer

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**NOTICE OF PRELIMINARY DECISION
FOR THE PROPOSED RENEWAL OF
THE FEDERALLY MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the San Joaquin Valley Air Pollution Control District solicits public comment on the proposed renewal of the Federally Mandated Operating Permit to Land O' Lakes, Inc. for its milk processing/dairy products manufacturing facility located at 400 South M St in Tulare, California.

The District's analysis of the legal and factual basis for this proposed action, project #S-1082034, 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 renewal of the Federally Mandated Operating permit. If requested by the public, the District will hold a public hearing regarding issuance of this renewed permit. For additional information, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900. Written comments on the proposed renewed 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
AIR POLLUTION CONTROL DISTRICT**

**Proposed Title V Permit Renewal Evaluation
Land O' Lakes, Inc.
S-525**

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TITLE V PERMIT RENEWAL EVALUATION
Milk Processing/Dairy Products Manufacturer

Engineer: Jerry Sandhu
Date: April 12, 2010

Facility Number: S-525
Facility Name: Land O' Lakes, Inc.
Mailing Address: 400 South M St
Tulare, CA 93274

Contact Name: Bill Schreiber
Phone: (559) 687-6590

Responsible Official: Bill Schreiber
Title: Vice President

Project # : S-1082034
Deemed Complete: May 13, 2008

I. PROPOSAL

Land O' Lakes, Inc. was issued a Title V permit on January 14, 1999. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the initial Title V permit.

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

II. FACILITY LOCATION

Land O' Lakes, Inc. is located at 400 South M St in Tulare, CA.

III. EQUIPMENT LISTING

A detailed facility printout listing all permitted equipment at the facility is included as Attachment D.

IV. GENERAL PERMIT TEMPLATE USAGE

The applicant does not propose to use any model general permit templates.

V. SCOPE OF EPA AND PUBLIC REVIEW

The applicant is not requesting any model general permit templates. Therefore, all federally enforceable conditions in this current Title V permit will be subject to EPA and public review.

VI. FEDERALLY ENFORCEABLE REQUIREMENTS

A. Rules Updated

- District Rule 2020, Exemptions
(amended September 21, 2006 ⇒ amended December 20, 2007)
- District Rule 2201, New and Modified Stationary Source Review Rule
(amended December 15, 2005 ⇒ September 21, 2006)
- District Rule 4101, Visible Emissions
(amended November 15, 2001 ⇒ amended February 17, 2005)
- District Rule 4306, Boilers, Steam Generators, and Process Heaters – Phase 3
(adopted September 18, 2003 ⇒ amended October 16, 2008)
- District Rule 4601, Architectural Coatings
(amended October 31, 2001 ⇒ amended December 17, 2009)
- District Rule 8011, General Requirements
(adopted November 15, 2001 ⇒ amended August 19, 2004)

- District Rule 8021, Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities
(adopted November 15, 2001 ⇒ amended August 19, 2004)
- District Rule 8031, Bulk Materials
(adopted November 15, 2001 ⇒ amended August 19, 2004)
- District Rule 8041, Carryout and Trackout
(adopted November 15, 2001 ⇒ amended August 19, 2004)
- District Rule 8051, Open Areas
(adopted November 15, 2001 ⇒ amended August 19, 2004)
- District Rule 8061, Paved and Unpaved Roads
(adopted November 15, 2001 ⇒ amended August 19, 2004)
- District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas
(adopted November 15, 2001 ⇒ amended September 16, 2004)
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos
(amended July 20, 2004)
- 40 CFR Part 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (amended January 18, 2008)
- 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners
(amended June 18, 2008)
- 40 CFR Part 82, Subpart F, Recycling and Emissions Reduction
(amended June 18, 2008)

B. Rules Removed

- District Rule 4701, Internal Combustion Engines – Phase 1
(amended August 21, 2003)

This rule was removed on August 21, 2003 and was replaced with District Rule 4702.

C. Rules Added

- District Rule 4309, Dryers, Dehydrators, and Ovens (adopted December 15, 2005)
- District Rule 4702, Internal Combustion Engines – Phase 2 (adopted August 21, 2003 ⇒ amended January 18, 2007)

D. Rules Not Updated

- District Rule 1080, Stack Monitoring (amended December 17, 1992)
- District Rule 1081, Source Sampling (amended December 16, 1993)
- District Rule 2010, Permits Required (amended December 17, 1992)
- District Rule 2031, Transfer of Permits (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, Federally Mandated Operating Permits (amended June 21, 2001)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4202, Particulate Matter - Emission Rate (amended December 17, 1992)
- District Rule 4301, Fuel Burning Equipment (adopted May 21, 1992)
- District Rule 4305, Boilers, Steam Generators, Process Heaters (amended August 21, 2003)
- District Rule 4351, Boilers, Steam Generators, Process Heaters – Phase 1 (amended August 21, 2003)

VII. REQUIREMENTS NOT FEDERALLY ENFORCEABLE

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

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

A. Rules Added

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

Conditions 1, 23, and 24 of permit unit -2-8 are based on the requirements of District Rule 4320. Therefore, they will not be discussed any further as pertaining to District Rule 4320.

B. Rules Not Updated

- District Rule 1070, Inspections (as amended December 17, 1992)
- District Rule 1100, Equipment Breakdown (amended December 17, 1992)
- District Rule 1160, Emission Statements (adopted November 18, 1992)
- District Rule 2040, Applications (amended December 17, 1992)
- District Rule 4102, Nuisance (as amended December 17, 1992)
- District Rule 4801, Sulfur Compounds (amended December 17, 1992)

VIII. PERMIT REQUIREMENTS

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

A. District Rule 2020 - Exemptions

District Rule 2020 lists equipment, which are specifically exempt from obtaining permits, and specifies recordkeeping requirements to verify such exemptions. The rule was amended in December 20, 2007. The amendments to this rule do not have any affect on current permit requirements and will therefore not be addressed in this evaluation.

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

District Rule 2201 was amended on September 21, 2006, after this facility's Title V permit was last renewed. This Title V permit renewal does not constitute a modification per section 3.25, defined as an action including at least one of the following items:

- 1) Any change in hours of operation, production rate, or method of operation of an existing emissions unit, which would necessitate a change in permit conditions.
- 2) Any structural change or addition to an existing emissions unit which would necessitate a change in permit conditions. Routine replacement shall not be considered to be a structural change.
- 3) An increase in emissions from an emissions unit caused by a modification of the Stationary Source when the emissions unit is not subject to a daily emissions limitation.
- 4) Addition of any new emissions unit which is subject to District permitting requirements.
- 5) A change in a permit term or condition proposed by an applicant to obtain an exemption from an applicable requirement to which the source would otherwise be subject.

Therefore, the updated requirements of this rule are not applicable at this time.

C. District Rule 4101 - Visible Emissions

The provisions of this rule shall apply to any source operation which emits or may emit air contaminants.

Section 5.0 prohibits the discharge into the atmosphere from any single source of emission whatsoever, any air contaminant, other than uncombined water vapor, for a period or periods aggregating more than three minutes in any one hour which is as dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of

Mines, or of such opacity as to obscure an observer's view to a degree equal to or greater than the smoke described in Section 5.1 of Rule 4101.

Condition 22 of permit unit -0-3 ensures compliance.

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

The facility has two boilers subject to the requirements of District Rule 4306: S-525-2 and S-525-35.

S-525-2-8 and -35-8: Natural Gas-Fired Boilers

The rule was amended in October 16, 2008 but has not been SIP approved. The stringency analysis in Attachment C shows that the amended rule is as stringent as the SIP approved version of the rule (September 18, 2003).

The purpose of this rule is to limit emissions oxides of nitrogen (NO_x) and carbon monoxide (CO) from the operation of boilers, steam generators, and process heaters.

Section 5.1.1 requires that except for units subject to Sections 5.2, NO_x and carbon monoxide (CO) emissions shall not exceed the limits specified in the following table. All ppmv emission limits specified in this section are referenced at dry stack gas conditions and 3.00 percent by volume stack gas oxygen. Emission concentrations shall be corrected to 3.00 percent oxygen in accordance with Section 8.1.

The boilers at this facility fall under one of the two categories shown in the following table.

Rule 4306 Emissions Limits				
Category	Operated on gaseous fuel		Operated on liquid fuel	
	NO_x Limit	CO Limit	NO_x Limit	CO Limit
B. Units with a rated heat input greater than 20.0 MMBtu/hr, except for Categories C, D, E, F, G, H, and I units	9 ppmv or 0.011 lb/MMBtu	400 ppmv	40 ppmv or 0.052 lb/MMBtu	400 ppmv
H. Units limited by a Permit to Operate to an annual heat input of 9 billion Btu/yr to 30 billion Btu/yr	30 ppmv or 0.036 lb/MMBtu	400 ppmv	40 ppmv or 0.052 lb/MMBtu	400 ppmv

Compliance is assured with the following conditions:

S-525-2-8	Category H	Conditions 6 and 7
S-525-35-8	Category B	Condition 3

Section 5.1.2 applies to units operated on combinations of gaseous fuel and liquid fuel. No units at this facility are permitted to operate on combinations of gaseous and liquid fuels. Therefore, this section is not applicable.

Section 5.2 applies to units that are limited to less than 9 billion Btu per calendar year heat input. No units at this facility are limited to less than 9 billion Btu per calendar year heat input. Therefore, this section is not applicable.

Section 5.3 states that on and after the full compliance schedule specified in Section 7.1, the applicable emission limits of Sections 5.1, 5.2.2 and 5.2.3 shall not apply during start-up or shutdown provided an operator complies with the requirements specified in Sections 5.3.1 through 5.3.4. The boilers at the facility are not subject to start-up and shutdown provisions and subsequently do not have relaxed emission limits during such periods. Therefore this section is not applicable.

Section 5.4.1 applies to any unit which simultaneously fires gaseous and liquid fuels, and is subject to the requirements of Section 5.1. No units fire

simultaneously on gaseous and liquid fuels. Therefore, this section is not applicable.

Section 5.4.2 requires the operator of any unit subject to the emissions limits specified in Section 5.1 to install and maintain Continuous Emissions Monitoring (CEMS) for NO_x, CO and O₂, or implements an APCO-approved Alternate Monitoring System.

In order to satisfy the requirements of District Rule 4306, the facility is subject to pre-approved alternate monitoring scheme A (pursuant to District Policy SSP-1105), which requires that monitoring of NO_x, CO, and O₂ exhaust concentrations shall be conducted at least once per month (in which a source test is not performed) using a portable analyzer.

Compliance is assured with the following conditions:

S-525-2-8	Conditions 8-11
S-525-35-8	Conditions 6-9

Section 5.4.3 applies to units subject to Section 5.2. No units are subject to Section 5.2. Therefore, this section does not apply.

Section 5.4.4 states that the operator of any Category H unit listed in Section 5.1.1, Table 1 and any unit subject to Section 5.2.1 or 5.2.2 shall install and maintain an operational non-resettable, totalizing mass or volumetric flow meter in each fuel line to each unit. Volumetric flow measurements shall be periodically compensated for temperature and pressure. A master meter, which measures fuel to all units in a group of similar units, may satisfy these requirements if approved by the APCO in writing. The cumulative annual fuel usage may be verified from utility service meters, purchase or tank fill records, or other acceptable methods, as approved by the APCO. These requirements apply only to unit S-525-2.

Compliance is assured with the following condition:

S-525-2-8	Condition 5
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Section 5.5.1 requires that the operator of any unit shall have the option of complying with either the applicable heat input (lb/MMBtu) emission limits or the concentration (ppmv) emission limits specified in Section 5.1. The emission limits selected to demonstrate compliance shall be specified in the source test proposal pursuant to Rule 1081 (Source Sampling).

Compliance is assured with the following conditions:

S-525-2-8	Condition 14
S-525-35-8	Condition 12

Section 5.5.2 requires that all emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. Unless otherwise specified in the Permit to Operate, no determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0.

Compliance is assured with the following conditions:

S-525-2-8	Condition 10
S-525-35-8	Condition 8

Section 5.5.3 pertains to units equipped with Continuous Emissions Monitoring Systems (CEMS). No units at this facility are equipped with CEMS. Therefore this section is not applicable.

Section 5.5.4 requires that for emissions monitoring pursuant to Sections 5.4.2, 5.4.2.1, and 6.3.1 using a portable NO_x analyzer as part of an APCO approved Alternate Emissions Monitoring System, emission readings shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15-consecutive-minute sample reading or by taking at least five (5) readings evenly spaced out over the 15-consecutive-minute period.

Compliance is assured with the following conditions:

S-525-2-8	Condition 10
S-525-35-8	Condition 8

Section 5.5.5 requires that for emissions source testing performed pursuant to Section 6.3.1 for the purpose of determining compliance with an applicable standard or numerical limitation of this rule, the arithmetic average of three (3) 30-consecutive-minute test runs shall apply. If two (2) of three (3) runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit.

Compliance is assured with the following conditions:

S-525-2-8	Condition 19
S-525-35-8	Condition 21

Section 6.1 requires that the records required by Sections 6.1.1 through 6.1.4 shall be maintained for five calendar years and shall be made available to the APCO upon request. Failure to maintain records or information contained in the records that demonstrate noncompliance with the applicable requirements of this rule shall constitute a violation of this rule.

Compliance is assured with the following conditions:

S-525-2-8	Condition 22
S-525-35-8	Condition 34

Section 6.1.1 applies to units operated under the exemption of Section 4.2. No units operate under the exemption in Section 4.2. Therefore the requirements in this section are not applicable.

Section 6.1.2 requires that the operator of any Category H unit listed in Section 5.1.1 Table 1 and any unit subject to Section 5.2 shall record the amount of fuel use at least on a monthly basis. This section applies only to unit S-525-2.

Compliance is assured with the following conditions:

S-525-2-8	Condition 21
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Section 6.1.3 requires that the operator of a unit subject to Section 5.2.1 or 6.3.1 shall maintain records to verify that the required tune-up and the required monitoring of the operational characteristics have been performed. These requirements do not apply to units that operate and maintain an APCO approved Alternate Monitoring System. Both boilers maintain an APCO approved Alternate Monitoring System. Therefore, this section does not apply.

Section 6.1.4 requires that the operator performing start-up or shutdown of a unit shall keep records of the duration of start-up or shutdown. The boilers at the facility are not subject to start-up and shutdown provisions. Therefore this section is not applicable.

Section 6.2 identifies the following test methods as District-approved source testing methods for the pollutants listed:

Pollutant	Units	Test Method Required
NO _x	ppmv	EPA Method 7E or ARB Method 100
NO _x	lb/MMBtu	EPA Method 19
CO	ppmv	EPA Method 10 or ARB Method 100
Stack Gas O ₂	%	EPA Method 3 or 3A, or ARB Method 100
Stack Gas Velocities	ft/min	EPA Method 2
Stack Gas Moisture Content	%	EPA Method 4

Compliance is assured with the following conditions:

S-525-2-8	Conditions 16-18
S-525-35-8	Conditions 18-20

Section 6.3.1 requires that each unit subject to the requirements of Sections 5.1 or 5.2.3 shall be source tested to determine compliance with the applicable emission limits at least once every 12 months. Units that demonstrate compliance on two consecutive 12-month source tests may defer the following 12-month source test up to 36 months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits specified in Sections 5.1 or 5.2.3, the source testing frequency shall revert to at least once every 12 months.

Compliance is assured with the following conditions:

S-525-2-8	Condition 13
S-525-35-8	Condition 11

Section 6.3.2 states that in lieu of compliance with Section 6.3.1, compliance with the applicable limits in Sections 5.1 or 5.2.3 shall be demonstrated by submittal of annual emissions test results to the District from a unit or units that represents a group of units. The facility has not proposed representative testing. Therefore this section is not applicable.

E. District Rule 4309 - Dryers, Dehydrators, and Ovens

The facility has four units subject to this rule: S-525-3, -10, -30, and -36.

S-525-3-4, -10-4, -30-12, and -36-6: Natural Gas-Fired Dryers

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.

Section 5.2 specifies NO_x and CO emissions limits. The NO_x and CO emissions limits for these dryers are below the maximum allowable emissions limits specified in the rule for dryers used for milk processing purposes.

Process Description	NO _x Limit (ppmv)		CO Limit (ppmv)	
	Gaseous Fuel Fired	Liquid Fuel Fired	Gaseous Fuel Fired	Liquid Fuel Fired
Milk, Cheese, and Dairy Processing < 20 MMBtu/hr	3.5	3.5	42	42
Milk, Cheese, and Dairy Processing ≥ 20 MMBtu/hr	5.3	5.3	42	42

Compliance with the rule emission limits is assured with the following conditions:

S-525-3-4	< 20 MMBtu/hr	Conditions 6 and 8
S-525-10-4	< 20 MMBtu/hr	Conditions 6 and 8
S-525-30-12	≥ 20 MMBtu/hr	Conditions 10 and 12
S-525-36-6	≥ 20 MMBtu/hr	Conditions 16 and 18

Section 5.3 states that the emission limits in Section 5.2 shall not apply during start-up or shutdown periods provided an operator complies with specified requirements. These dryers are not subject to start-up and shutdown provisions and subsequently do not have relaxed emission limits during such periods. Therefore this section is not applicable.

Section 5.4 requires the operators of dryers and ovens subject to the emissions limits specified in Section 5.2 to install continuous emissions monitoring or an alternate monitoring system approved by the APCO. The dryers are using an APCO approved alternate monitoring system.

Compliance is assured with the following conditions:

S-525-3-4	Conditions 29-32
S-525-10-4	Conditions 29-32
S-525-30-12	Conditions 37-40
S-525-36-6	Conditions 37-40

Section 5.5.1 states that all emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate.

Compliance is assured with the following conditions:

S-525-3-4	Condition 20
S-525-10-4	Condition 20
S-525-30-12	Condition 21
S-525-36-6	Condition 22

Section 5.5.2 states that except as provided in Section 5.5.3, no determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition.

Compliance is assured with the following conditions:

S-525-3-4	Condition 20
S-525-10-4	Condition 20
S-525-30-12	Condition 21
S-525-36-6	Condition 22

Section 5.5.3 states that notwithstanding the requirements of Section 5.5.2, the APCO, ARB, and US EPA may approve a longer or shorter period before compliance determination, if an operator submits an application for a Permit to Operate condition which provides justification for the requested duration. The facility has not requested a longer or shorter period of compliance determination for these dryers as specified in Section 5.5.2. Therefore this section is not applicable.

Section 5.5.4 pertains to units equipped with continuous emissions monitoring systems. These dryers are not equipped with continuous emissions monitoring systems. Therefore this section is not applicable.

Section 5.5.5 states that emission readings of NOx exhaust concentrations shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15-consecutive-minute sample reading or by taking at least five readings evenly space out over the 15-consecutive-minute period.

Compliance is assured with the following conditions:

S-525-3-4	Condition 31
S-525-10-4	Condition 31
S-525-30-12	Condition 39
S-525-36-6	Condition 39

Section 5.5.6 states that for emissions source testing pursuant to Section 6.3.1 to determine compliance with an applicable emissions limit of this rule, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of the three runs individually demonstrate emissions above the applicable limit, the test cannot be used to demonstrate compliance for the unit, even if the averaged emissions of all three test runs is less than the applicable limit.

Compliance is assured with the following conditions:

S-525-3-4	Condition 25
S-525-10-4	Condition 25
S-525-30-12	Condition 24
S-525-36-6	Condition 26

Section 6.1.1 lists the recordkeeping requirements for a unit that uses a continuous emissions monitoring system. The dryers do not continuous emissions monitoring systems. Therefore this section is not applicable.

Section 6.1.2 states that operators using an alternate emissions monitoring system shall maintain the following records on a periodic basis:

- Total hours of operation.
- Type and quantity of fuel used during operations.
- Measurement for each surrogate parameter.
- Range of allowed values for each surrogate parameter.
- The period for recordkeeping shall be specified in the PTO conditions.

The facility's APCO approved alternate monitoring plan does not require monitoring of surrogate parameters.

Compliance with the hours of operation and fuel usage recordkeeping requirements are assured with the following conditions:

S-525-3-4	Condition 38
S-525-10-4	Condition 38
S-525-30-12	Condition 47
S-525-36-6	Condition 44

Section 6.1.3 only applies to dehydrators. Therefore this section is not applicable to the dryers.

Section 6.1.4 states that the operator of a unit subject to Section 5.2 and performing start-up or shutdown of that unit shall keep records of the duration of each start-up and each shutdown. The facility has not proposed start-up or shutdown periods for the dryer. Therefore this section is not applicable.

Section 6.1.5 lists the recordkeeping requirements for an operator of any unit operated under the exemption of Section 4.3. The dryers do not operate under the exemption in Section 4.3. Therefore the requirements in this section do not apply.

Section 6.1.6 states the records and manufacturer's specifications required by Sections 6.1.1 through 6.1.5 shall meet all of the following requirements.

- The records shall be maintained for five (5) calendar years,
- The records shall be made available on-site during normal business hours, and
- The records shall be submitted to the APCO upon request.

Compliance is assured with the following conditions:

S-525-3-4	Condition 39
S-525-10-4	Condition 39
S-525-30-12	Condition 48
S-525-36-6	Condition 50

Section 6.2 identifies the following test methods as District-approved source testing methods for the pollutants listed:

Pollutant	Units	Test Method Required
NO _x	ppmv	EPA Method 7E or ARB Method 100
CO	ppmv	EPA Method 10 or ARB Method 100
Stack Gas O ₂	%	EPA Method 3 or 3A, or ARB Method 100
Stack Gas Velocities	ft/min	EPA Method 2
Stack Gas Moisture Content	%	EPA Method 4

Compliance is assured with the following conditions:

S-525-3-4	Conditions 22-24
S-525-10-4	Conditions 22-24
S-525-30-12	Conditions 26-30
S-525-36-6	Conditions 28-32

Section 6.3.1 applies to dehydrators. There are no dehydrators at the facility. Therefore, this section is not applicable.

Section 6.3.2 states that after initial source testing, each unit subject to Section 5.2 emission limits shall be source tested at least once every 24 months.

Compliance is assured with the following conditions:

S-525-3-4	Condition 21
S-525-10-4	Condition 21
S-525-30-12	Condition 22
S-525-36-6	Condition 24

Section 6.3.3 states source testing requirements for units that operate less than 50 days per calendar year. These dryers operate more than 50 days per calendar year. Therefore this section is not applicable.

Section 6.3.4 states that each exhaust stack of a unit subject to the requirements of Section 4.3 or 5.2 shall be source-tested to demonstrate compliance with the applicable emission limits.

Compliance is assured with the following conditions:

S-525-3-4	Condition 21
S-525-10-4	Condition 21
S-525-30-12	Condition 22
S-525-36-6	Condition 24

Section 6.3.5 states the APCO shall be notified according to the provisions of Rule 1081 (Source Sampling).

Compliance is assured with the following conditions:

S-525-3-4	Conditions 26-27
S-525-10-4	Conditions 26-27
S-525-30-12	Conditions 33-34
S-525-36-6	Conditions 34-35

Section 6.3.6 states that emissions source testing shall be conducted with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate.

Compliance is assured with the following conditions:

S-525-3-4	Condition 20
S-525-10-4	Condition 20
S-525-30-12	Condition 21
S-525-36-6	Condition 22

Section 6.3.7 states that all test results for NO_x and CO shall be reported in ppmv, corrected to dry stack conditions and adjusted using the oxygen correction factor.

Compliance is assured with the following conditions:

S-525-3-4	Condition 28
S-525-10-4	Condition 28
S-525-30-12	Condition 32
S-525-36-6	Condition 36

Section 6.3.8 states that for the purpose of determining compliance with an applicable emission limit, the arithmetic average of three 30-consecutive-minute test runs shall apply.

Compliance is assured with the following conditions:

S-525-3-4	Condition 25
S-525-10-4	Condition 25
S-525-30-12	Condition 24
S-525-36-6	Condition 26

Section 6.3.9 states that if two of the three runs specified by Section 6.3.8 individually demonstrate emissions above the applicable limit, the test cannot be used to demonstrate compliance for the unit, even if the averaged emissions of all three runs is less than the applicable limit.

Compliance is assured with the following conditions:

S-525-3-4	Condition 25
S-525-10-4	Condition 25
S-525-30-12	Condition 24
S-525-36-6	Condition 26

Section 6.4 lists the source testing requirements for asphalt/concrete plants. Since this facility is not an asphalt or concrete plant, the requirements of this section do not apply.

Section 7.1 lists the dates the dryers are required to be in compliance with Rule 4309. For dryers at Milk, Cheese, and Dairy Processing facilities, all dryers are required to be in compliance with Rule 4309 by December 1, 2008. As demonstrated in the above rule analysis, all dryers at the facility are in compliance with Rule 4309.

F. District Rule 4601 - Architectural Coatings

This rule limits VOC emissions from architectural coatings. This rule is applicable to any person who supplies, sells, offers for sale, applies, or solicits the application of any architectural coating, or who manufactures, blends or repackages any architectural coating. The rule was amended on December 17, 2009 but had not been SIP approved. The non-SIP approved rule lowers the VOC content of the coatings applied to stationary structures, portable buildings, pavements, or curbs. The amendments do not impact the facility's primary source operation and will not be addressed in this evaluation.

G. District Rule 4702 – Internal Combustion Engines – Phase 2

S-525-31-4, -32-4, and -33-4: Emergency Diesel-Fired IC Engines

The purpose of this rule is to limit the emissions of nitrogen oxides (NO_x), carbon monoxide (CO), and volatile organic compounds (VOC) from internal combustion engines. This rule applies to any internal combustion engine with a rated brake horsepower greater than 50 horsepower.

Section 4.2 exempts emergency standby engines and engines operating no more than 200 hours per calendar year from the requirements of this rule, except for sections 5.7 and 6.2.3.

Compliance is assured with the following conditions:

S-525-31-4	Condition 6
S-525-32-4	Condition 6
S-525-33-4	Condition 6

Section 5.7 requires that engines are operated and maintained in accordance to the manufacturer, that operational characteristics are monitored, and that a nonresettable time meter is installed.

Compliance is assured with the following conditions:

S-525-31-4	Conditions 2, 3, 5
S-525-32-4	Conditions 2, 3, 5
S-525-33-4	Conditions 2, 3, 5

Section 6.2.3 requires maintenance of annual operating records for five years, and to include the following: total hours of operation, type of fuel used, purpose for operating engine, hours of non-emergency and emergency operation, and other supporting documentation to demonstrate exemption.

Compliance is assured with the following conditions:

S-525-31-4	Conditions 9, 10
S-525-32-4	Conditions 9, 10
S-525-33-4	Conditions 9, 10

H. District Rule 8011 - General Requirements

The purpose of Regulation VIII (Fugitive PM10 Prohibitions) is to reduce ambient concentrations of fine particulate matter (PM10) by requiring actions to prevent, reduce or mitigate anthropogenic fugitive dust emissions. The provisions of this rule are applicable to specified outdoor fugitive dust sources.

Conditions 29 through 34 of permit '0-3 ensure compliance with the requirements of Rule 8011.

I. District Rule 8021 - Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities

The purpose of this rule is to limit fugitive dust emissions from construction, demolition, excavation, extraction, and other earthmoving activities.

This rule applies to any construction, demolition, excavation, extraction, and other earthmoving activities, including, but not limited to, land clearing,

grubbing, scraping, travel on site, and travel on access roads to and from the site.

Section 5.0 requires that no person shall perform any construction, demolition, excavation, extraction, or other earthmoving activities unless the appropriate requirements in sections 5.1 and 5.2 are sufficiently implemented to limit VDE to 20% opacity.

Compliance with the provisions of this rule is ensured by condition 29 of permit '-0-3.

J. District Rule 8031 - Bulk Materials

The purpose of this rule is to limit fugitive dust emissions from the outdoor handling, storage, and transport of bulk materials.

This rule applies to the outdoor handling, storage, and transport of any bulk material.

Section 5.0 requires that no person shall perform any outdoor handling, storage, and transport of bulk materials unless the appropriate requirements in Table 8031-1 of this rule are sufficiently implemented to limit VDE to 20% opacity or to comply with the conditions for a stabilized surface as defined in Rule 8011.

Compliance with the provisions of this rule is ensured by condition 30 of permit '-0-3.

K. District Rule 8041 - Carryout and Trackout

The purpose of this rule is to limit fugitive dust emissions from carryout and trackout.

This rule applies to all sites that are subject to Rules 8021 (Construction, Demolition, Excavation, Extraction, and other Earthmoving Activities), 8031 (Bulk Materials), and 8071 (Unpaved Vehicle and Equipment Traffic Areas) where carryout or trackout has occurred or may occur.

Section 5.0 requires that an owner/operator shall sufficiently prevent or cleanup carryout and trackout as specified in sections 5.1 through 5.8. The use of blower devices, or dry rotary brushes or brooms, for removal of carryout and trackout on public roads is expressly prohibited. The removal of carryout and trackout from paved public roads does not exempt an

owner/operator from obtaining state or local agency permits which may be required for the cleanup of mud and dirt on paved public roads.

Compliance with the provisions of this rule is ensured by condition 31 of permit '-0-3.

L. District Rule 8051 - Open Areas

The purpose of this rule is to limit fugitive dust emissions from open areas.

This rule applies to any open area having 3.0 acres or more of disturbed surface area that has remained undeveloped, unoccupied, unused, or vacant for more than seven days.

Section 5.0 requires that whenever open areas are disturbed or vehicles are used in open areas, the owner/operator shall implement one or a combination of control measures indicated in Table 8051-1 to comply with the conditions of a stabilized surface at all times and to limit VDE to 20% opacity. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

Compliance with the provisions of this rule is ensured by condition 32 of permit '-0-3.

M. District Rule 8061 - Paved and Unpaved Roads

The purpose of this rule is to limit fugitive dust emissions from paved and unpaved roads by implementing control measures and design criteria.

This rule applies to any new or existing public or private paved or unpaved road, road construction project, or road modification project.

Compliance with the provisions of this rule is ensured by condition 33 of permit '-0-3.

N. District Rule 8071 - Unpaved Vehicle/Equipment Traffic Area

The purpose of this rule is to limit fugitive dust emissions from unpaved vehicle and equipment traffic areas by implementing control measures and design criteria.

This rule applies to any unpaved vehicle/equipment traffic area of 1.0 acre or larger.

Compliance with the provisions of this rule is ensured by condition 34 of permit '-0-3.

O. 40 CFR Part 61, Subpart M, National Emissions Standards for Asbestos

These regulations apply to demolition or renovation activity, as defined in 40 CFR 61.141. 40 CFR Section 61.156 of this Subpart was amended on July 20, 2004. However, the amendments to this section do not have any affect on current permit requirements and will therefore not be addressed in this evaluation.

Compliance with the provisions of this rule is ensured by condition 35 of permit '-0-3.

P. 40 CFR Part 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Subpart ZZZZ establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emitted from stationary reciprocating internal combustion engines (RICE) located at major and area sources of HAP emissions. This subpart also establishes requirements to demonstrate initial and continuous compliance with the emission limitations and operating limitations.

§6585(b) states, "A major source of HAP emissions is a plant site that emits or has the potential to emit any single HAP at a rate of 10 tons (9.07 megagrams) or more per year or any combination of HAP at a rate of 25 tons (22.68 megagrams) or more per year, except that for oil and gas production facilities, a major source of HAP emissions is determined for each surface site."

§6585(c) states, "An area source of HAP emissions is a source that is not a major source."

The facility is not a major source as defined in §6585(b). Therefore, this facility is an area source of HAP emissions.

§6590(a) states, "An affected source is any existing, new, or reconstructed stationary RICE located at a major or area source of HAP emissions, excluding stationary RICE being tested at a stationary RICE test cell/stand."

§6590(a)(1) defines the criteria for an existing stationary RICE as follows:

- (i) For stationary RICE with a site rating of more than 500 brake horsepower (HP) located at a major source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before December 19, 2002.
- (ii) For stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.
- (iii) For stationary RICE located at an area source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.
- (iv) A change in ownership of an existing stationary RICE does not make that stationary RICE a new or reconstructed stationary RICE.

This facility is an area source of HAP emissions. The engines at this facility have not commenced construction or reconstruction on or after June 12, 2006. Therefore, the engines at this facility meet the definition of an existing stationary RICE as defined in §6590(a)(1)(iii).

§6590(b)(3) states that the following engines do not have to meet the requirements of this subpart and of subpart A of this part:

- stationary RICE which is an existing spark ignition 4 stroke rich burn (4SRB) stationary RICE located at an area source,
- existing spark ignition 4SRB stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source, an existing spark ignition 2 stroke lean burn (2SLB) stationary RICE,
- existing spark ignition 4 stroke lean burn (4SLB) stationary RICE,
- existing compression ignition (CI) stationary RICE,
- existing emergency stationary RICE,
- existing limited use stationary RICE, or
- existing stationary RICE that combusts landfill gas or digester gas equivalent to 10 percent or more of the gross heat input on an annual basis

The engines at this facility are existing emergency stationary RICE. Therefore, the engines do not have to meet the requirements of this subpart and of subpart A of this part. No further discussion is required.

Q. 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners

There are applicable requirements from Title VI of the CAA (Stratospheric Ozone) that apply to all sources in general. These requirements pertain to air conditioners, chillers and refrigerators located at a Title V source and to disposal of air conditioners or maintenance/recharging/disposal of motor vehicle air conditioners (MVAC). These requirements are addressed in condition 28 of permit '0-3.

R. 40 CFR Part 82, Subpart F, Recycling and Emissions Reduction

There are applicable requirements from Title VI of the CAA (Stratospheric Ozone) that apply to all sources in general. These requirements pertain to air conditioners, chillers and refrigerators located at a Title V source and to disposal of air conditioners or maintenance/recharging/disposal of motor vehicle air conditioners (MVAC). These requirements are addressed in condition 27 of permit '0-3.

S. 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.

Major Source Thresholds (9/21/06 Revision of Rule 2201)

Pollutant	lb/year	ton/year
NO _x	50,000	25
SO _x	140,000	70
PM ₁₀	140,000	70
CO	200,000	100
VOC	50,000	25

1. S-525-2-8: 71.7 MMBtu/hr Natural Gas-Fired Boiler

This permit unit has emissions limits for SO_x, PM₁₀, CO, and VOC but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for SO_x, PM₁₀, CO, and VOC.

This permit may be subject to CAM for NO_x since there is a NO_x limit, and it has add-on controls in the form of FGR. However, the pre-control NO_x potential to emit is less than the major source threshold of 50,000 pounds NO_x/year as shown below. Therefore, this unit is not subject to CAM.

The natural gas controlled-low NO_x emission factor is 50 lb/MMscf or 0.049 lb/MMBtu (AP-42, 1.4-5, July 1998). The unit is limited to a maximum annual heat input limit of 30 billion Btu per calendar year.

$$30,000 \text{ MMBtu/yr} \times 0.049 \text{ lb-NO}_x/\text{MMBtu} = 1,470 \text{ lb-NO}_x/\text{year}$$

2. S-525-3-4: 17.74 MMBtu/hr Dryer With Baghouse

This permit unit has emissions limits for NO_x, SO_x, CO, and VOC but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, CO, and VOC.

This permit is subject to CAM for PM₁₀ since there is a PM₁₀ limit, it has add-on controls in the form of a baghouse, and the pre-control PM₁₀ potential to emit is greater than the major source threshold of 140,000 pounds PM₁₀/year as shown below.

The permit specified PM₁₀ emissions limit is 0.44 lb/ton of milk powder. The permit specified milk powder throughput is 54 ton/day. The baghouse is assumed to have a PM₁₀ control efficiency of 99%. Therefore, uncontrolled PM₁₀ emissions are calculated as follows:

$$[(0.44 \text{ lb-PM}_{10}/\text{ton}) \div (1 - 0.99)] \times 54 \text{ ton/day} \times 365 \text{ day/yr} = 867,240 \text{ lb-PM}_{10}/\text{yr}$$

In order to determine if a 15-minute monitoring interval is required, we will determine if post-control emissions also exceed the Major Source threshold for PM₁₀ emissions:

$$0.44 \text{ lb-PM}_{10}/\text{ton} \times 54 \text{ ton/day} \times 365 \text{ day/yr} = 8,672 \text{ lb-PM}_{10}/\text{yr}$$

Since the post-control annual emissions do not exceed the Major Source threshold for PM₁₀ of 140,000 lb/year, a once-daily monitoring interval is sufficient to determine compliance with CAM.

The facility has proposed to meet the CAM requirements for this unit by checking for visible emissions on a daily basis, by maintaining a differential pressure gauge on the baghouse, and monitoring the pressure gauge each day that the baghouse operates.

Conditions 16-18 and 33-35 on the proposed PTO ensure compliance.

3. S-525-10-4: 12 MMBtu/hr Dryer With Baghouse

This permit unit has emissions limits for NO_x, SO_x, CO, and VOC but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, CO, and VOC.

This permit is subject to CAM for PM₁₀ since there is a PM₁₀ limit, it has add-on controls in the form of a baghouse, and the pre-control PM₁₀ potential to emit is greater than the major source threshold of 140,000 pounds PM₁₀/year as shown below. Therefore, this unit is not subject to CAM.

The permit specified PM₁₀ emissions limit is 0.44 lb/ton of milk powder. The permit specified milk powder throughput is 72 ton/day. The baghouse is assumed to have a PM₁₀ control efficiency of 99%. Therefore, uncontrolled PM₁₀ emissions are calculated as follows:

$$[(0.44 \text{ lb-PM}_{10}/\text{ton}) \div (1 - 0.99)] \times 72 \text{ ton/day} \times 365 \text{ day/yr} = 1,156,320 \text{ lb-PM}_{10}/\text{yr}$$

In order to determine if a 15-minute monitoring interval is required, we will determine if post-control emissions also exceed the Major Source threshold for PM₁₀ emissions:

$$0.44 \text{ lb-PM}_{10}/\text{ton} \times 72 \text{ ton/day} \times 365 \text{ day/yr} = 11,563 \text{ lb-PM}_{10}/\text{yr}$$

Since the post-control annual emissions do not exceed the Major Source threshold for PM₁₀ of 140,000 lb/year, a once-daily monitoring interval is sufficient to determine compliance with CAM.

The facility has proposed to meet the CAM requirements for this unit by checking for visible emissions on a daily basis, by maintaining a differential pressure gauge on the baghouse, and monitoring the pressure gauge each day that the baghouse operates.

Conditions 16-18 and 33-35 on the proposed PTO ensure compliance.

4. S-525-11-3: Dry Powder Storage Silo

This permit unit does not have an emissions limit. Therefore, the permit unit is not subject to CAM.

5. S-525-12-3: Dry Powder Storage Silo

This permit unit does not have an emissions limit. Therefore, the permit unit is not subject to CAM.

6. S-525-13-3: Dry Powder Storage Silo

This permit unit does not have an emissions limit. Therefore, the permit unit is not subject to CAM.

7. S-525-14-3: Dry Powder Storage Silo

This permit unit does not have an emissions limit. Therefore, the permit unit is not subject to CAM.

8. S-525-30-12: 28 MMBtu/hr Dryer With Baghouse

This permit unit has emissions limits for NO_x, SO_x, CO, and VOC but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, CO, and VOC.

This unit is subject to CAM for PM₁₀ since there is a PM₁₀ limit, it has add-on controls in the form of baghouses and bin vent filters, and the pre-control PM₁₀ potential to emit is greater than the major source threshold of 140,000 pounds PM₁₀/year as shown below.

The permit specified PM₁₀ emissions limit from the baghouses serving the milk spray dryer is 0.44 lb/ton of milk powder. The permit specified PM₁₀ emissions limit from the baghouse serving the milk bagging system is 0.004 lb/ton of milk powder. The permit specified PM₁₀ emissions limit from the bin vent filters serving two storage bins is 0.015 lb/ton of milk powder. The permit specified milk powder throughput is 180 ton/day. The baghouses and bin vent filters are assumed to have a PM₁₀ control efficiency of 99%. Therefore, uncontrolled PM₁₀ emissions are calculated as follows:

$$\begin{aligned} & [(0.44 \text{ lb-PM}_{10}/\text{ton}) \div (1 - 0.99)] + [(0.004 \text{ lb-PM}_{10}/\text{ton}) \div (1 - 0.99)] + [(0.015 \\ & \text{lb-PM}_{10}/\text{ton}) \div (1 - 0.99)] = 45.9 \text{ lb-PM}_{10}/\text{ton} \\ & 45.9 \text{ lb-PM}_{10}/\text{ton} \times 180 \text{ ton/day} \times 365 \text{ day/yr} = 3,015,630 \text{ lb-PM}_{10}/\text{yr} \end{aligned}$$

In order to determine if a 15-minute monitoring interval is required, we will determine if post-control emissions also exceed the Major Source threshold for PM₁₀ emissions:

$$(0.44 \text{ lb-PM}_{10}/\text{ton} + 0.004 \text{ lb-PM}_{10}/\text{ton} + 0.015 \text{ lb-PM}_{10}/\text{ton}) \times 180 \text{ ton/day} \times 365 \text{ day/yr} = 30,156 \text{ lb-PM}_{10}/\text{yr}$$

Since the post-control annual emissions do not exceed the Major Source threshold for PM₁₀ of 140,000 lb/year, a once-daily monitoring interval is sufficient to determine compliance with CAM.

The facility has proposed to meet the CAM requirements for this unit by checking for any visible emissions on a daily basis..

Conditions 7, 36, and 42-45 on the proposed PTO ensure compliance.

9. S-525-31-4: 750 BHP Emergency Standby IC Engine

This permit unit does not have an emissions limit. Therefore, the permit unit is not subject to CAM.

10. S-525-32-4: 435 BHP Emergency Standby IC Engine

This permit unit does not have an emissions limit. Therefore, the permit unit is not subject to CAM.

11. S-525-33-4: 900 BHP Emergency Standby IC Engine

This permit unit does not have an emissions limit. Therefore, the permit unit is not subject to CAM.

12. S-525-35-8: 122 MMBtu/hr Natural Gas-Fired Boiler

This permit unit has emissions limits for SO_x, PM₁₀, CO, and VOC but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for SO_x, PM₁₀, CO, and VOC.

This permit is subject to CAM for NO_x since there is a NO_x limit, it has add-on controls in the form of FGR, and the pre-control NO_x potential to emit is greater than the major source threshold of 50,000 pounds NO_x/year as shown below..

The natural gas controlled-low NO_x emission factor is 140 lb/MMscf or 0.137 lb/MMBtu (AP-42, 1.4-5, July 1998). The unit is limited to a maximum annual heat input limit of 30 billion Btu per calendar year.

$$122 \text{ MMBtu/hr} \times 0.137 \text{ lb-NO}_x/\text{MMBtu} \times 8,760 \text{ hr/yr} = 146,415 \text{ lb-NO}_x/\text{year}$$

In order to determine if a 15-minute monitoring interval is required, we will determine if post-control emissions also exceed the Major Source threshold for NO_x emissions. The post-control emission limit on the permit is 9 ppmv-NO_x at 3% O₂, equivalent to 0.011 lb-NO_x/MMBtu.

$$122 \text{ MMBtu/hr} \times 0.011 \text{ lb-NO}_x/\text{MMBtu} \times 8,760 \text{ hr/yr} = 11,756 \text{ lb-NO}_x/\text{year}$$

Since the post-control annual emissions do not exceed the Major Source threshold for NO_x of 50,000 lb/year, a once-daily monitoring interval is sufficient to determine compliance with CAM.

The facility has proposed to meet the CAM requirements for this unit by checking and recording, on a daily basis, the flue gas recirculation (FGR) damper position. The damper position will be established during annual source testing.

Conditions 29-33 on the proposed PTO ensure compliance.

13. S-525-36-6: 20 MMBtu/hr Line With Baghouses

This permit unit has emissions limits for NO_x, SO_x, CO, and VOC but it does not have add-on controls for these criteria pollutants. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, CO, and VOC.

This unit is subject to CAM for PM₁₀ since there is a PM₁₀ limit, it has add-on controls in the form of cyclones and baghouses, and the pre-control PM₁₀ potential to emit is greater than the major source threshold of 140,000 pounds PM₁₀/year as shown below.

The permit specified PM₁₀ emissions limit from the operation is 0.344 lb/ton of milk powder. The permit specified milk powder throughput is 180 ton/day. The cyclones and baghouses are assumed to have a PM₁₀ control efficiency of 99%. Therefore, uncontrolled PM₁₀ emissions are calculated as follows:

$$[(0.344 \text{ lb-PM}_{10}/\text{ton}) \div (1 - 0.99)] \times 180 \text{ ton/day} \times 365 \text{ day/yr} = 2,260,080 \text{ lb-PM}_{10}/\text{yr}$$

In order to determine if a 15-minute monitoring interval is required, we will determine if post-control emissions also exceed the Major Source threshold for PM₁₀ emissions:

$$0.344 \text{ lb-PM}_{10}/\text{ton} \times 180 \text{ ton/day} \times 365 \text{ day/yr} = 22,601 \text{ lb-PM}_{10}/\text{yr}$$

Since the post-control annual emissions do not exceed the Major Source threshold for PM₁₀ of 140,000 lb/year, a once-daily monitoring interval is sufficient to determine compliance with CAM.

The facility has proposed to meet the CAM requirements for this unit by checking for visible emissions on a daily basis, by maintaining a differential pressure gauge on the baghouse, and monitoring the pressure gauge each day that the baghouse operates.

Conditions 13, 41, and 45-48 on the proposed PTO ensure compliance.

14. S-525-37-4: Powdered Milk Bagging Operation With Baghouse

This permit unit does not have emissions limits for NO_x, SO_x, CO, and VOC. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, CO, and VOC.

This unit may be subject to CAM for PM₁₀ since there is a PM₁₀ limit and it has add-on controls in the form of a baghouse. However, the pre-control PM₁₀ potential to emit is less than the major source threshold of 140,000 pounds PM₁₀/year as shown below. Therefore, this unit is not subject to CAM.

The permit specified PM₁₀ emissions limit from the operation is 0.004 lb/ton of milk powder. The permit specified milk powder throughput is 500 ton/day. The baghouse is assumed to have a PM₁₀ control efficiency of 99%. Therefore, uncontrolled PM₁₀ emissions are calculated as follows:

$$[(0.004 \text{ lb-PM}_{10}/\text{ton}) \div (1 - 0.99)] \times 500 \text{ ton/day} \times 365 \text{ day/yr} = 73,000 \text{ lb-PM}_{10}/\text{yr}$$

15. S-525-38-3: Powder Storage Silo With Bin Vent Filter

This permit unit does not have emissions limits for NO_x, SO_x, CO, and VOC. Therefore, this permit unit is not subject to CAM for NO_x, SO_x, CO, and VOC.

This unit may be subject to CAM for PM₁₀ since there is a PM₁₀ limit and it has add-on controls in the form of a bin vent filter. However, the pre-control PM₁₀ potential to emit is less than the major source threshold of 140,000 pounds PM₁₀/year as shown below. Therefore, this unit is not subject to CAM.

The permit specified PM₁₀ emissions limit from the operation is 0.015 lb/ton of dry powder. The permit specified dry powder throughput is 180 ton/day. The

bin vent filter is assumed to have a PM₁₀ control efficiency of 99%.
Therefore, uncontrolled PM₁₀ emissions are calculated as follows:

$$[(0.015 \text{ lb-PM}_{10}/\text{ton}) \div (1 - 0.99)] \times 180 \text{ ton/day} \times 365 \text{ day/yr} = 98,550 \text{ lb-PM}_{10}/\text{yr}$$

16. S-525-39-3: Powder Storage Silo With Bin Vent Filters

This permit unit does not have emissions limits for NO_x, SO_x, CO, and VOC.
Therefore, this permit unit is not subject to CAM for NO_x, SO_x, CO, and VOC.

This unit may be subject to CAM for PM₁₀ since there is a PM₁₀ limit and it has add-on controls in the form of a bin vent filter. However, the pre-control PM₁₀ potential to emit is less than the major source threshold of 140,000 pounds PM₁₀/year as shown below. Therefore, this unit is not subject to CAM.

The permit specified PM₁₀ emissions limit from the operation is 0.015 lb/ton of dry powder. The permit specified dry powder throughput is 60 ton/day. The bin vent filter is assumed to have a PM₁₀ control efficiency of 99%.
Therefore, uncontrolled PM₁₀ emissions are calculated as follows:

$$[(0.015 \text{ lb-PM}_{10}/\text{ton}) \div (1 - 0.99)] \times 60 \text{ ton/day} \times 365 \text{ day/yr} = 32,850 \text{ lb-PM}_{10}/\text{yr}$$

17. S-525-40-3: Vacuum System

This permit unit does not have an emissions limit. Therefore, the permit unit is not subject to CAM.

18. S-525-41-3: Vacuum System

This permit unit does not have an emissions limit. Therefore, the permit unit is not subject to CAM.

IX. PERMIT SHIELD

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

A. Requirements Addressed by Model General Permit Templates

The applicant does not propose to use any model general permit templates.

B. Requirements not Addressed by Model General Permit Templates

The applicant is not proposing any new permit shields.

X. PERMIT CONDITIONS

See Attachment A - Draft Renewed Title V Operating Permit

XI. ATTACHMENTS

- A. Draft Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. District Rule 4306 Stringency Analysis
- D. Detailed Facility List

ATTACHMENT A

Draft Renewed Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: S-525-0-3

EXPIRATION DATE: 10/31/2008

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; Tulare County Rule 111] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; Tulare County Rule 111] Federally Enforceable Through Title V Permit
3. {2287} 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. {2289} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.12.1] Federally Enforceable Through Title V Permit
6. {2290} 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. {2291} 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. {2292} 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. {2293} 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: LAND O' LAKES, INC.
Location: 400 SOUTH "M" ST, TULARE, CA 93274
S-525-0-3: Apr 16 2010 10:37AM - SANDHUG

10. {2294} 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. {2295} 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. {2296} 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. {2297} 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. {2298} 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. {2299} 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. {2300} 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. {2301} 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. {2302} 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. {2303} 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. {2304} 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. {2305} 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 (2/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

23. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards of District Rule 4601 (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 for architectural coatings 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. {2310} 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. {2311} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. {2312} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR 82, Subpart B. [40 CFR 82, Subpart B] Federally Enforceable Through Title V Permit
29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8011 and 8021] 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 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8011 and 8031] 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 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8011 and 8041] 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 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8011 and 8051] 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 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8011 and Rule 8061] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 75 vehicle trips per day shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 100 vehicle trips per day shall comply with the requirements of Section 5.1.2 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/04) or Rule 8011 (8/19/04). [District Rules 8011 and Rule 8071] Federally Enforceable Through Title V Permit
35. {2319} 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. {2320} 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. {2321} 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. {2322} 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 (Tulare) and Rule 111 (Tulare). 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, sections 5.1, 5.2, 5.3, 5.8 and 8.0 (12/17/09); 8021 (8/19/04); 8031 (8/19/04); 8041 (8/19/04); 8051 (8/19/04); 8061 (8/19/04); and 8071 (9/16/04). 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 January 14 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. {118} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
43. Should the facility, as defined in 40 CFR section 68.3, become subject to part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 CFR section 68.10. The facility shall certify compliance as part of the annual certification as required by 40 CFR part 70. [40 CFR 68] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-2-8

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

71.7 MMBTU/HR BABCOCK AND WILCOX NATURAL GAS-FIRED BOILER WITH A TODD VARIFLAME LOW NOX BURNER AND FLUE GAS RECIRCULATION

EXPIRATION DATE: 10/31/2008

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PERMIT UNIT REQUIREMENTS

1. {4194} Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in Rule 4320. [District Rule 4320]
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District 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. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
5. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
6. Maximum annual heat input of the unit shall not exceed 30 billion Btu per calendar year. [District Rules 2201, 4305 and 4306] Federally Enforceable Through Title V Permit
7. Emissions rates from the natural gas-fired unit shall not exceed any of the following limits: 30 ppmv NOx @ 3% O2 or 0.036 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.003 lb-PM10/MMBtu, 81 ppmv CO @ 3% O2 or 0.06 lb-CO/MMBtu, or 0.02 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
8. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

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

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9. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
10. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
11. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
12. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
13. Source testing to measure NO_x and CO emissions from this unit while fired on natural gas shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
14. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
15. 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
16. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
17. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
18. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
19. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
20. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

21. Records of monthly and annual heat input of the unit shall be maintained. [District Rules 2201, 4305, and 4306]
Federally Enforceable Through Title V Permit
22. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] Federally Enforceable Through Title V Permit
23. {4253} Permittee shall maintain records of annual heat input (MMBtu) for this unit on a calendar year basis. Such records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and Rule 4320]
24. {4206} On and after July 1, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320]

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-3-4

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

17.74 MMBTU/HR "MARRIOTT- WALKER" DRYER #4 WITH BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
3. Visible emissions from the exhaust of the dust collector serving the drying operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The amount of milk powder produced shall not exceed 54 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. PM10 emissions shall not exceed 0.44 pounds per ton of milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
6. NOx emissions shall not exceed 3.5 ppmvd @ 19% O2 referenced as NO2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
7. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
8. CO emissions shall not exceed 42 ppmvd @19% O2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed 0.0055 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
10. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit

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

15. All ducting from the drying operations to the baghouse shall be properly maintained to prevent fugitive dust emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The baghouse shall be equipped with an operational 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 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
17. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
18. The owner/operator shall check for visible emissions on a daily basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 4201, 4202, and 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
19. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
20. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
21. Source testing to measure NO_x and CO emissions from this unit when fired on natural gas shall be conducted at least once every 24 months for each exhaust stack. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
22. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309] Federally Enforceable Through Title V Permit
23. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
24. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
25. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309] Federally Enforceable Through Title V Permit
26. 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
27. 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
28. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit
29. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit

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

30. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer (or in-stack analyzer), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
31. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
32. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
33. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
34. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
35. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
36. Records of baghouse maintenance, inspections, repair, and all change outs of filter media, shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
37. Permittee shall maintain records of dried milk powder produced in ton per day. [District Rule 1070] Federally Enforceable Through Title V Permit
38. The operator shall maintain daily records of the total hours of operation and the type & quantity of fuel used during operations. [District Rule 4309] Federally Enforceable Through Title V Permit
39. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-10-4

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

12 MMBTU/HR "BLAW KNOX" DRYER #5 WITH BAGHOUSE

EXPIRATION DATE: 10/31/2008

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PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
3. Visible emissions from the exhaust of the dust collector serving the drying operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The amount of milk powder produced shall not exceed 72 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. PM10 emissions shall not exceed 0.44 pounds per ton of milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
6. NOx emissions shall not exceed 3.5 ppmvd @ 19% O2 referenced as NO2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
7. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
8. CO emissions shall not exceed 42 ppmvd @19% O2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
9. VOC emissions shall not exceed 0.0055 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
10. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit

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

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15. All ducting from the drying operations to the baghouse shall be properly maintained to prevent fugitive dust emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The baghouse shall be equipped with an operational 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 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
17. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201 and 40 CFR 64] Federally Enforceable Through Title V Permit
18. The owner/operator shall check for visible emissions on a daily basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 4201, 4202, and 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
19. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
20. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
21. Source testing to measure NO_x and CO emissions from this unit when fired on natural gas shall be conducted at least once every 24 months for each exhaust stack. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
22. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309] Federally Enforceable Through Title V Permit
23. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
24. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
25. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309] Federally Enforceable Through Title V Permit
26. 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
27. 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
28. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit
29. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit

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

30. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer (or in-stack analyzer), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
31. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
32. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
33. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
34. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
35. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
36. Records of baghouse maintenance, inspections, repair, and all change outs of filter media, shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
37. Permittee shall maintain records of dried milk powder produced in ton per day. [District Rule 1070] Federally Enforceable Through Title V Permit
38. The operator shall maintain daily records of the total hours of operation and the type & quantity of fuel used during operations. [District Rule 4309] Federally Enforceable Through Title V Permit
39. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-11-3

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

34,034 GALLON DRY POWDER STORAGE SILO #1

EXPIRATION DATE: 10/31/2008

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PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

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**San Joaquin Valley
Air Pollution Control District**

PERMIT UNIT: S-525-12-3

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

34,034 GALLON DRY POWDER STORAGE SILO #2

EXPIRATION DATE: 10/31/2008

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PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-13-3

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

34,034 GALLON DRY POWDER STORAGE SILO #3

EXPIRATION DATE: 10/31/2008

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PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-14-3

EXPIRATION DATE: 10/31/2008
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SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

26,399 GALLON DRY POWDER STORAGE SILO #4

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall maintain and operate fabric filters in accordance with the manufacturer's specifications. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] 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. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
5. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-30-12

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

28 MMBTU/HR NATURAL GAS FIRED NON-FAT MILK PROCESSING LINE

PERMIT UNIT REQUIREMENTS

1. Line shall be equipped with one "Niro" tall form 28 MMBtu/hr. spray dryer including "Maxon" Cross Fire PUC quality natural gas fired burner with non-resettable totalizing fuel flowmeter, and two "Niro" baghouses, each with 7,276 sq. ft. cloth area and maximum of 101,848 total scfm air flow. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Line shall include two 300,000 lb storage bins each shall be served by "Nucon" bin vent filters, each with 71.5 sq. ft. area 16oz. glazed polyester felt bags, and maximum 535 scfm. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Line shall include one bagging system and shall be served by one "Flex Kleen" Baghouse (shared with S-525-37), Model WSTC121, 1282 sq. ft. cloth area, 12000 scfm. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The amount of milk powder produced shall not exceed 180 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
7. The owner/operator shall check for visible emissions on a daily basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 4201, 4202, and 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
8. Visible emissions shall be less than 5% opacity for bagging system or storage silos during operation. [District NSR Rule] Federally Enforceable Through Title V Permit
9. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
10. NO_x emissions shall not exceed 4.9 ppmvd @ 19% O₂ referenced as NO₂. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
11. SO_x emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
12. CO emissions shall not exceed 10.3 ppmvd @ 19% O₂. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit

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

13. VOC emissions shall not exceed 0.006 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
14. PM10 emissions from baghouses serving milk spray dryer shall not exceed 0.440 pounds per ton of dried milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
15. PM10 emissions from baghouse serving powdered milk bagging system shall not exceed 0.004 pounds per ton of dried milk powder processed. [District Rule 2201] Federally Enforceable Through Title V Permit
16. PM10 emissions from bin vent filters serving two 300,000 lb storage bins shall not exceed 0.015 pounds per ton of dried milk powder processed. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
21. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
22. Source testing to measure NOx and CO emissions from this unit when fired on natural gas shall be conducted annually for each exhaust stack. If compliance is shown for two consecutive annual tests, then testing may be performed once every 24 months. If compliance is not shown, annual testing shall resume. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit
23. Source testing to measure PM10 emissions from the baghouse serving the spray dryer shall be conducted annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 36 months. If compliance is not shown, annual testing shall resume. [District Rule 1080] Federally Enforceable Through Title V Permit
24. For NOx and CO emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309] Federally Enforceable Through Title V Permit
25. For PM10 emissions source testing, three one-consecutive-hour test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 1080] Federally Enforceable Through Title V Permit
26. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309] Federally Enforceable Through Title V Permit
27. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
28. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
29. Stack gas velocities shall be determined using EPA Method 2. [District Rule 4309] Federally Enforceable Through Title V Permit
30. Stack gas moisture content shall be determined using EPA Method 4 [District Rule 4309] Federally Enforceable Through Title V Permit

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

31. Source testing to measure PM10 emissions from the baghouse serving the spray dryer shall be conducted using EPA Methods 201A and 202. Alternatively, the results of a total particulate matter test using CARB Method 5 may be used to demonstrate compliance with the PM10 emission limit provided the results include both the filterable (front half) and condensable (black half) particulates, and that all particulate matter is assumed to be PM10. [District Rule 1080] Federally Enforceable Through Title V Permit
32. All test results for NOx and CO shall be reported in ppmv @ 19% O2 (or no correction if measured above 19% O2), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit
33. 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
34. 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
35. The owner/operator shall visually inspect the burner on a weekly basis to assure proper operation. [District NSR Rule] Federally Enforceable Through Title V Permit
36. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
37. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
38. If either the NOx or CO concentrations corrected to 19% O2, as measured by the portable analyzer (or in-stack analyzer), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
39. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
40. The permittee shall maintain records of: (1) the date and time of NOx, CO, and O2 measurements, (2) the O2 concentration in percent and the measured NOx and CO concentrations corrected to 19% O2 (or no correction if measured above 19% O2), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
41. Actual fuel usage and production data shall be recorded during the source test periods. [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.

42. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
43. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
44. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
45. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
46. Permittee shall maintain records of dried milk powder produced in ton per day, dried milk powder transported to silos in ton per day, milk powder bagged in ton per day, and operating schedule in number of hours per day, number of days per week, and number of weeks per calendar year. [District Rule 1070] Federally Enforceable Through Title V Permit
47. The operator shall maintain daily records of the total hours of operation and the type & quantity of fuel used during operations. [District Rule 4309] Federally Enforceable Through Title V Permit
48. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-31-4

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

750 BHP CUMMINS MODEL VTA28681 DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING 500 KW ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. 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] Federally Enforceable Through Title V Permit
3. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] 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] Federally Enforceable Through Title V Permit
6. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 20 hours per calendar year. [District Rule 4702 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. 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 type of fuel used, 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 and 17 CCR 93115] 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.

10. 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
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: County Rule 407 (Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-32-4

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

435 BHP CUMMINS MODEL NTA-855-GS DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. 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] Federally Enforceable Through Title V Permit
3. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] 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] Federally Enforceable Through Title V Permit
6. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 20 hours per calendar year. [District Rule 4702 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. 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 type of fuel used, 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 and 17 CCR 93115] 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.

10. 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
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: County Rule 407 (Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-33-4

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

900 BHP CUMMINS DIESEL-FIRED EMERGENCY STANDBY IC ENGINE POWERING AN ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. 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] Federally Enforceable Through Title V Permit
3. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801 and 17 CCR 93115] 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] Federally Enforceable Through Title V Permit
6. This engine shall be operated only for testing and maintenance of the engine, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 20 hours per calendar year. [District Rule 4702 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. 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 type of fuel used, 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 and 17 CCR 93115] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
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10. 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
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: County Rule 407 (Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-35-8

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

122 MMBTU/HR NATURAL GAS-FIRED BOILER WITH FLUE GAS RECIRCULATION, JOHN ZINK TODD RMB MODEL TI450IGO3650X LOW NOX BURNER AND OXYGEN CONTROLLER

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. Only PUC quality natural gas shall be combusted in this unit. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 9 ppmvd NO_x @ 3% O₂, 0.00285 lb-SO_x/MMBtu, 0.005 lb-PM₁₀/MMBtu, 81 ppmvd CO @ 3% O₂, or 0.0014 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
4. Flue gas recirculation system shall be operational at all times. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The stack concentration of NO_x (as NO₂), CO, and O₂ shall be measured at least on a monthly basis using District approved portable analyzers. [District Rules 4305, 4306, 4351, and 2520 9.3.2] Federally Enforceable Through Title V Permit
6. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 4306, 4351, and 2520 9.3.2] Federally Enforceable Through Title V Permit
7. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
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8. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
9. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
10. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
11. Source testing to measure natural gas-combustion NO_x and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
12. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
13. Compliance demonstration (source testing) shall be by District witnessed, or authorized, sample collection by ARB certified testing laboratory. [District Rule 1081,7.2] Federally Enforceable Through Title V Permit
14. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081, 7.1] Federally Enforceable Through Title V Permit
15. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
16. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081] Federally Enforceable Through Title V Permit
17. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826 or D 1945 in conjunction with ASTM D 3588. [District Rule 2520, 9.3.2; 4305, 6.2.1; and 4351, 6.2.1] Federally Enforceable Through Title V Permit
18. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
19. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
20. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
21. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
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22. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.3] Federally Enforceable Through Title V Permit
23. Operator shall monitor and record for each unit the hhv and cumulative annual use of fuel. [District Rules 4351, 6.1.1 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
24. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
25. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 407 (Tulare); SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rules 1081, 4201, 4301, 4305, 4306, and 4351. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
28. The requirements of 40 CFR 72.6(b) and 40 CFR 60.40b do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
29. The position of the flue gas recirculation (FGR) damper shall be checked by an operator on a daily basis and shall be recorded in a daily log. [40 CFR 64] Federally Enforceable Through Title V Permit
30. The FGR damper position shall be established during annual source testing. [40 CFR 64] Federally Enforceable Through Title V Permit
31. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
32. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
33. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
34. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] Federally Enforceable Through Title V Permit

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

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-36-6

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

20 MM BTU/HR NATURAL GAS FIRED MILK SPRAY PROCESSING LINE SERVED BY TWO NIRO CMC 3150 CYCLONES SERVED BY TWO NIRO SBF-12-500 BAGHOUSES EACH WITH 5,400 SQUARE FEET CLOTH AREA AND 37,820 SCFM BLOWERS

PERMIT UNIT REQUIREMENTS

1. Line shall include Niro F-160 rotary atomizer with high pressure type NVR/F nozzle atomization unit and Niro-Soavi high pressure pump. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Line shall include air supply fan, dry cell/high efficiency air filter, Maxon LN 20 MM Btu/hr low NOx direct gas fired heater, type DAR air dispenser, cooling air fan, conveying air fan, on/off damper, steam-heated air heater and air filter. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Line shall include Niro CDC1000-R/N drying chamber assembly, integrated fluid bed and rotary valve. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Line shall be equipped with vibrofluidizer assembly including dry cell high efficiency pre-filter, two air conveying fans, six pneumatically controlled regulating dampers, two cartridge type air filters, two air conditioning units. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Line shall be equipped with vibrofluidizer assembly including one VF-F 16m2 vibrofluidizer, Niro CHE 2250 cyclone, blow-through valve and two powder sieves. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Line shall be equipped with fines transport system including rotary air conveying blower, cartridge type air filter, four blow through valves and two-way diverter valve. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Line shall be equipped with pneumatic powder conveying system including rotary air conveying blower, air conditioning unit, cartridge type air filter, blow-through valve, powder conveying duct and two way diverter valve. [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. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit

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

13. The owner/operator shall check for visible emissions on a daily basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 4201, 4202, and 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
14. Visible emissions from the exhaust of the emissions control equipments shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
15. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
16. NO_x emissions shall not exceed 5.3 ppmvd @ 19% O₂ referenced as NO₂. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
17. SO_x emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
18. CO emissions shall not exceed 10.3 ppmvd @ 19% O₂. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
19. VOC emissions shall not exceed 0.0028 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
20. PM₁₀ emissions shall not exceed 0.344 pounds per ton of milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
21. The amount of dried milk powder produced shall not exceed 180 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
22. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
23. If equipment is operating at a level not representative of design capacity during initial source testing, the District may require subsequent testing at higher rates of production. [District Rule 1081] Federally Enforceable Through Title V Permit
24. Source testing to measure NO_x and CO emissions from this unit when fired on natural gas shall be conducted annually for each exhaust stack. If compliance is shown for two consecutive annual tests, then testing may be performed once every 24 months. If compliance is not shown, annual testing shall resume. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit
25. Source testing to measure PM₁₀ emissions from the baghouse serving the spray dryer shall be conducted annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 36 months. If compliance is not shown, annual testing shall resume. [District Rule 1080] Federally Enforceable Through Title V Permit
26. For NO_x and CO emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309] Federally Enforceable Through Title V Permit
27. For PM₁₀ emissions source testing, three one-consecutive-hour test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 1080] Federally Enforceable Through Title V Permit
28. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309] Federally Enforceable Through Title V Permit

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

29. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
30. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
31. Stack gas velocities shall be determined using EPA Method 2. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit
32. Stack gas moisture content shall be determined using EPA Method 4. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit
33. Source testing to measure PM₁₀ emissions from the baghouse serving the spray dryer shall be conducted using EPA Methods 201A and 202. Alternatively, the results of a total particulate matter test using CARB Method 5 may be used to demonstrate compliance with the PM₁₀ emission limit provided the results include both the filterable (front half) and condensable (black half) particulates, and that all particulate matter is assumed to be PM₁₀. [District Rule 1080] Federally Enforceable Through Title V Permit
34. 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
35. 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
36. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit
37. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
38. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer (or in-stack analyzer), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
39. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
40. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit

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

41. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be repaired as needed. [District Rule 2520, 9.4.2, 40 CFR 64] Federally Enforceable Through Title V Permit
42. The permittee shall visually inspect the burner on a weekly basis to assure proper operation. [District Rule 2201] Federally Enforceable Through Title V Permit
43. Actual fuel usage and production data shall be recorded during the source test periods. [District Rule 1081] Federally Enforceable Through Title V Permit
44. The operator shall maintain daily records of the total hours of operation and the type & quantity of fuel used during operations. [District Rule 4309] Federally Enforceable Through Title V Permit
45. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
46. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
47. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
48. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
49. Permittee shall maintain records of dried milk powder produced in ton per day, and operating schedule in number of hours per day, number of days per week, and number of weeks per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
50. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

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

DRAFT

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-37-4

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

POWDERED MILK BAGGING OPERATION SERVED BY FLEX KLEEN BAGHOUSE (SHARED WITH S-525-30) MODEL WSTC121 WITH 1282 SQ. FT. CLOTH AREA AND 12,000 SCFM BLOWER

PERMIT UNIT REQUIREMENTS

1. Line shall include one Avapac powder packer not to exceed 25 electric hp and two Control and Metering Ltd bulk baggers not to exceed 75 total hp. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Total maximum dried milk powder bagged shall not exceed 500 ton/day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Emission rates shall not exceed 0.004 lb PM10/ton of product bagged. [District NSR Rule and Rule 4202] Federally Enforceable Through Title V Permit
4. Visible emissions shall be less than 5% opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The owner/operator shall maintain records of quantity of dried milk powder bagged for each day of operation, in the format approved by the District. [District NSR Rule; Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
7. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
8. Baghouse 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
9. Baghouse collector bags 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
10. The baghouse shall be maintained and operated according to manufacturer's specifications. [District NSR Rule] Federally Enforceable Through Title V Permit
11. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
12. 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
13. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
14. 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 NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

15. The differential pressure gauge reading range shall be established per manufacturer's recommendation at time of start up inspection. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Records of dust collector maintenance, inspection, and repair shall be maintained. the records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
19. Records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District NSR Rule] 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: S-525-38-3

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

50,000 GALLON DRY POWDER STORAGE SILO #6 SERVING DRYER #1 (S-525-36) WITH NUCON BIN VENT FILTER WITH 71.5 SQUARE FEET OF CLOTH AREA AND MAXIMUM FLOW OF 535 SCFM

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading. If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.3.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. Maximum quantity of dry powder conveyed into silo shall not exceed 180 tons/day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. PM-10 emissions from bin vent filter shall not exceed 0.015 lb/ton of dry powder conveyed into silo. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Permittee shall demonstrate compliance with silo throughput limit by maintaining a daily record of the quantity of dry powder conveyed into the silo. [District NSR Rule] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-39-3

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

57,000 GALLON WHEY POWDER STORAGE SILO WITH TWO NUCON BIN VENT FILTERS; RECEIVING WHEY POWDER ONLY FROM S-525-15 (DRYER #6) AND DISCHARGING ONLY TO BAGGING OPERATIONS S-525-30 AND S-525-37

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading. If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.3.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. Maximum quantity of dry powder conveyed into silo shall not exceed 60 tons/day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. PM-10 emissions from bin vent filters shall not exceed 0.015 lb/ton of dry powder conveyed into silo. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Permittee shall demonstrate compliance with silo throughput limit by maintaining a daily record of the quantity of dry powder conveyed into the silo. Records shall be kept for a period of five years and made 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: S-525-40-3

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

"VAC-U-MAX" VACUUM SYSTEM SERVING DRYER #1 (S-525-36), CONSISTING OF A DUST COLLECTOR HOPPER, SUTORBILT ROTARY BLOWER, FILTER ASSEMBLY AND PIPED DISCHARGE TO A 55 GALLON DRUM

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 gr/dscf in concentration. [District Rule 4201 and Kern County Rule 404] Federally Enforceable Through Title V Permit
3. Visible emissions shall be inspected annually 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
4. Dust collector system shall be thoroughly inspected annually for any evidence of particulate matter leaks and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
5. 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
6. 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, 9.4.2] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-41-3

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

"MIKRO-PULSAIRE" VACUUM SYSTEM SERVING DRYERS #4 AND 5 (S-525-3 AND -10) AND BAGGERS (S-525-30 & -37) IN THE BAGGING WAREHOUSE, CONSISTING OF A DUST HOPPER, HOFFMAN ROTARY BLOWER, FILTER ASSEMBLY AND PIPED DISCHARGE TO A 55 GALLON DRUM

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 gr/dscf in concentration. [District Rule 4201 and Kern County Rule 404] Federally Enforceable Through Title V Permit
3. Visible emissions shall be inspected annually 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
4. Dust collector system shall be thoroughly inspected annually for any evidence of particulate matter leaks and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
5. 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
6. 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, 9.4.2] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit

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

ATTACHMENT B

Previous Title V Operating Permit

San Joaquin Valley Air Pollution Control District

FACILITY: S-525-0-2

EXPIRATION DATE: 10/31/2008

FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (3/21/02). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.12.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: LAND O' LAKES, INC.
Location: 400 SOUTH "M" ST, TULARE, CA 93274
S-525-0-2 : Oct 14 2009 7:57AM - SANDHUG

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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

23. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards of District Rule 4601 (10/31/01) for use or sale within the District. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. All VOC-containing materials for architectural coatings subject to Rule 4601 (10/31/01) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (10/31/01). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR 82, Subpart B. [40 CFR 82, Subpart B] Federally Enforceable Through Title V Permit
29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
30. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8031 and 8011] Federally Enforceable Through Title V Permit
31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
32. Whenever open areas are disturbed or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 75 vehicle trips per day shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 100 vehicle trips per day shall comply with the requirements of Section 5.1.2 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (11/15/01) or Rule 8011 (11/15/01). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
35. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), and Rule 111 (Kern, Tulare, Kings). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (11/15/01); 4601, sections 5.1, 5.2, 5.3, 5.8 and 8.0 (10/31/01); 8021 (11/15/01); 8031 (11/15/01); 8041 (11/15/01); 8051 (11/15/01); 8061 (11/15/01); and 8071 (11/15/01). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin January 14 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]
43. Should the facility, as defined in 40 CFR section 68.3, become subject to part 68, then the owner or operator shall submit a risk management plan (RMP) by the date specified in 40 CFR section 68.10. The facility shall certify compliance as part of the annual certification as required by 40 CFR part 70. [40 CFR 68] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-2-9

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

71.7 MMBTU/HR BABCOCK AND WILCOX BOILER WITH "TODD" LOW NOX BURNER (MODEL VARIFLAME) AND FLUE GAS RECIRCULATION, WITH NATURAL GAS AND FUEL OIL FIRING CAPABILITIES

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. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] 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. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
6. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
7. Maximum annual heat input of the unit shall not exceed 30 billion Btu per calendar year. [District Rules 2201, 4305 and 4306] Federally Enforceable Through Title V Permit
8. Emissions rates from the natural gas-fired unit shall not exceed any of the following limits: 30 ppmv NO_x @ 3% O₂ or 0.036 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.003 lb-PM₁₀/MMBtu, 81 ppmv CO @ 3% O₂ or 0.06 lb-CO/MMBtu, or 0.02 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
9. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

10. If either the NO_x or CO concentrations corrected to 3% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
11. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
12. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
13. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
14. Source testing to measure NO_x and CO emissions from this unit while fired on natural gas shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
15. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
16. 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
17. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
18. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
19. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
20. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
21. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

22. Records of monthly and annual heat input of the unit shall be maintained. [District Rules 2201, 4305, and 4306]
Federally Enforceable Through Title V Permit
23. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] Federally Enforceable Through Title V Permit
24. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in Rule 4320. [District Rule 4320]
25. Permittee shall maintain records of annual heat input (MMBtu) for this unit on a calendar year basis. Such records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and Rule 4320]
26. On and after July 1, 2010, the permittee shall submit an analysis showing the fuel's sulfur content at least once every year. Valid purchase contracts, supplier certifications, tariff sheets, or transportation contacts may be used to satisfy this requirement, provided they establish the fuel parameters mentioned above. [District Rule 4320]

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-3-7

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

17.74 MMBTU/HR "MARRIOTT- WALKER" DRYER #4 WITH BAGHOUSE

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] Federally Enforceable Through Title V Permit
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
5. Visible emissions from the exhaust of the dust collector serving the drying operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The amount of milk powder produced shall not exceed 54 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. PM10 emissions shall not exceed 0.44 pounds per ton of milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
8. NOx emissions shall not exceed 3.5 ppmvd @ 19% O2 referenced as NO2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
9. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
10. CO emissions shall not exceed 42 ppmvd @19% O2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
11. VOC emissions shall not exceed 0.0055 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
12. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

15. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All ducting from the drying operations to the baghouse shall be properly maintained to prevent fugitive dust emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The baghouse shall be equipped with an operational 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 2201] Federally Enforceable Through Title V Permit
19. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
21. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
22. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
23. Source testing to measure NO_x and CO emissions from this unit when fired on natural gas shall be conducted at least once every 24 months. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
24. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309] Federally Enforceable Through Title V Permit
25. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
26. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
27. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309] Federally Enforceable Through Title V Permit
28. 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
29. 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
30. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit

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

31. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
32. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer (or in-stack analyzer), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
33. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
34. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
35. Records of baghouse maintenance, inspections, repair, and all change outs of filter media, shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
36. Permittee shall maintain records of dried milk powder produced in ton per day and operating schedule in number of hours per day, number of days per week, and number of weeks per calendar year. [District Rule 1070] Federally Enforceable Through Title V Permit
37. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-10-5

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

12 MMBTU/HR "BLAW KNOX" DRYER #5 WITH BAGHOUSE: FOR RULE 4309 COMPLIANCE

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] Federally Enforceable Through Title V Permit
3. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
5. Visible emissions from the exhaust of the dust collector serving the drying operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The amount of milk powder produced shall not exceed 72 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. PM10 emissions shall not exceed 0.44 pounds per ton of milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
8. NOx emissions shall not exceed 3.5 ppmvd @ 19% O2 referenced as NO2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
9. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
10. CO emissions shall not exceed 42 ppmvd @19% O2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
11. VOC emissions shall not exceed 0.0055 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
12. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit

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

15. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All ducting from the drying operations to the baghouse shall be properly maintained to prevent fugitive dust emissions. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The baghouse shall be equipped with an operational 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 2201] Federally Enforceable Through Title V Permit
19. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
21. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
22. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
23. Source testing to measure NO_x and CO emissions from this unit when fired on natural gas shall be conducted at least once every 24 months. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
24. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309] Federally Enforceable Through Title V Permit
25. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
26. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
27. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309] Federally Enforceable Through Title V Permit
28. 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
29. 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
30. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit

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

31. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
32. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer (or in-stack analyzer), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
33. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
34. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
35. Records of baghouse maintenance, inspections, repair, and all change outs of filter media, shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
36. Permittee shall maintain records of dried milk powder produced in ton per day and operating schedule in number of hours per day, number of days per week, and number of weeks per calendar year. [District Rule 1070] Federally Enforceable Through Title V Permit
37. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-11-2

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

34,034 GALLON DRY POWDER STORAGE SILO #1

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-12-2

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

34,034 GALLON DRY POWDER STORAGE SILO #2

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-13-2

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

34,034 GALLON DRY POWDER STORAGE SILO #3

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-14-2

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

26,399 GALLON DRY POWDER STORAGE SILO #4

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall maintain and operate fabric filters in accordance with the manufacturer's specifications. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The owner/operator shall check for visible emissions weekly during silo loading . If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] 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. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
5. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-30-14

EXPIRATION DATE: 10/31/2008

SECTION: 11 TOWNSHIP: 20S RANGE: 24E

EQUIPMENT DESCRIPTION:

28 MMBTU/HR NATURAL GAS FIRED NON-FAT MILK PROCESSING LINE

PERMIT UNIT REQUIREMENTS

1. Line shall be equipped with one "Niro" tall form 28 MMBtu/hr. spray dryer including "Maxon" Cross Fire PUC quality natural gas fired burner with non-resettable totalizing fuel flowmeter, and two "Niro" baghouses, each with 7,276 sq. ft. cloth area and maximum of 101,848 total scfm air flow. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Line shall include two 300,000 lb storage bins each shall be served by "Nucon" bin vent filters, each with 71.5 sq. ft. area 16oz. glazed polyester felt bags, and maximum 535 scfm. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Line shall include one bagging system and shall be served by one "Flex Kleen" Baghouse (shared with S-525-37), Model WSTC121, 1282 sq. ft. cloth area, 12000 scfm. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The amount of milk powder produced shall not exceed 180 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
9. Visible emissions from each baghouse shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the the baghouse is operated. 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 4101, 40 CFR Part 64] Federally Enforceable Through Title V Permit
10. Visible emissions shall be less than 5% opacity for bagging system or storage silos during operation. [District NSR Rule] Federally Enforceable Through Title V Permit
11. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
12. NOx emissions shall not exceed 4.9 ppmvd @ 19% O2 referenced as NO2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

13. SO_x emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
14. CO emissions shall not exceed 10.3 ppmvd @ 19% O₂. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
15. VOC emissions shall not exceed 0.006 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
16. PM₁₀ emissions from baghouses serving milk spray dryer shall not exceed 0.440 pounds per ton of dried milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
17. PM₁₀ emissions from baghouse serving powdered milk bagging system shall not exceed 0.004 pounds per ton of dried milk powder processed. [District Rule 2201] Federally Enforceable Through Title V Permit
18. PM₁₀ emissions from bin vent filters serving two 300,000 lb storage bins shall not exceed 0.015 pounds per ton of dried milk powder processed. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
23. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
24. Source testing to measure NO_x and CO emissions from this unit when fired on natural gas shall be conducted annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 24 months. If compliance is not shown, annual testing shall resume. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit
25. Source testing to measure PM₁₀ emissions from the baghouse serving the spray dryer shall be conducted annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 36 months. If compliance is not shown, annual testing shall resume. [District Rule 1080] Federally Enforceable Through Title V Permit
26. For NO_x and CO emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309] Federally Enforceable Through Title V Permit
27. For PM₁₀ emissions source testing, three one-consecutive-hour test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 1080] Federally Enforceable Through Title V Permit
28. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309] Federally Enforceable Through Title V Permit
29. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

30. Source testing to measure PM10 emissions from the baghouse serving the spray dryer shall be conducted using EPA Methods 201A and 202. Alternatively, the results of a total particulate matter test using CARB Method 5 may be used to demonstrate compliance with the PM10 emission limit provided the results include both the filterable (front half) and condensable (black half) particulates, and that all particulate matter is assumed to be PM10. [District Rule 1080] Federally Enforceable Through Title V Permit
31. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
32. Stack gas velocities shall be determined using EPA Method 2. [District Rule 1080] Federally Enforceable Through Title V Permit
33. Stack gas moisture content shall be determined using EPA Method 4 [District Rule 1080] Federally Enforceable Through Title V Permit
34. 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
35. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit
36. 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
37. The owner/operator shall visually inspect the burner on a weekly basis to assure proper operation. [District NSR Rule] Federally Enforceable Through Title V Permit
38. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
39. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
40. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer (or in-stack analyzer), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
41. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

42. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
43. Actual fuel usage and production data shall be recorded during the source test periods. [District Rule 1081] Federally Enforceable Through Title V Permit
44. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
45. Permittee shall maintain records of dried milk powder produced in ton per day, dried milk powder transported to silos in ton per day, milk powder bagged in ton per day, and operating schedule in number of hours per day, number of days per week, and number of weeks per calendar year. [District Rule 1070] Federally Enforceable Through Title V Permit
46. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-31-3

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

750 HP CUMMINS MODEL VTA28681 DIESEL-FIRED EMERGENCY IC ENGINE POWERING 500 KW ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101, 5.1] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
3. 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 200 hours per year. [District Rules 4701, 4.2.1] Federally Enforceable Through Title V Permit
4. The permittee shall maintain records of hours of emergency and non-emergency operation. Records shall include the date, the number of hours of operation, the purpose of the operation (e.g., load testing, weekly testing, rolling blackout, general area power outage, etc.), and the sulfur content of the diesel fuel used. Such records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 1070 and Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
6. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
7. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-32-3

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

435 HP CUMMINS MODEL NTA-855-GS DIESEL-FIRED IC ENGINE POWERING A 260 KW ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101, 5.1] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
3. 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 200 hours per year. [District Rules 4701, 4.2.1] Federally Enforceable Through Title V Permit
4. The permittee shall maintain records of hours of emergency and non-emergency operation. Records shall include the date, the number of hours of operation, the purpose of the operation (e.g., load testing, weekly testing, rolling blackout, general area power outage, etc.), and the sulfur content of the diesel fuel used. Such records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 1070 and Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
6. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
7. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-33-3

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

900 HP CUMMINS DIESEL-FIRED IC ENGINE POWERING A 535 KW ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101, 5.1] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
3. 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 200 hours per year. [District Rules 4701, 4.2.1] Federally Enforceable Through Title V Permit
4. The permittee shall maintain records of hours of emergency and non-emergency operation. Records shall include the date, the number of hours of operation, the purpose of the operation (e.g., load testing, weekly testing, rolling blackout, general area power outage, etc.), and the sulfur content of the diesel fuel used. Such records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District Rule 1070 and Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
6. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [County Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus)] Federally Enforceable Through Title V Permit
7. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
9. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-35-7

EXPIRATION DATE: 10/31/2008

SECTION: 11 **TOWNSHIP:** 20S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

122 MMBTU/HR NATURAL GAS-FIRED BOILER WITH FLUE GAS RECIRCULATION, JOHN ZINK TODD RMB MODEL TI450IGO3650X LOW NOX BURNER AND OXYGEN CONTROLLER

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. Only PUC quality natural gas shall be combusted in this unit. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 9 ppmvd NOx @ 3% O2, 0.00285 lb-SOx/MMBtu, 0.005 lb-PM10/MMBtu, 81 ppmvd CO @ 3% O2, or 0.0014 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
4. Flue gas recirculation system shall be operational at all times. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The stack concentration of NOx (as NO2), CO, and O2 shall be measured at least on a monthly basis using District approved portable analyzers. [District Rules 4305, 4306, 4351, and 2520 9.3.2] Federally Enforceable Through Title V Permit
6. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305, 4306, 4351, and 2520 9.3.2] Federally Enforceable Through Title V Permit
7. If either the NOx or CO concentrations corrected to 3% O2, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

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

8. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
9. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
10. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
11. Source testing to measure natural gas-combustion NO_x and CO emissions from this unit shall be conducted at least once every twelve (12) months. After demonstrating compliance on two (2) consecutive annual source tests, the unit shall be tested not less than once every thirty-six (36) months. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits, the source testing frequency shall revert to at least once every twelve (12) months. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
12. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
13. Compliance demonstration (source testing) shall be by District witnessed, or authorized, sample collection by ARB certified testing laboratory. [District Rule 1081,7.2] Federally Enforceable Through Title V Permit
14. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081, 7.1] Federally Enforceable Through Title V Permit
15. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3] Federally Enforceable Through Title V Permit
16. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)] Federally Enforceable Through Title V Permit
17. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by ASTM D 1826 or D 1945 in conjunction with ASTM D 3588. [District Rule 2520, 9.3.2; 4305, 6.2.1; and 4351, 6.2.1] Federally Enforceable Through Title V Permit
18. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
19. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
20. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
21. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

22. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.3] Federally Enforceable Through Title V Permit
23. Operator shall monitor and record for each unit the hhv and cumulative annual use of fuel. [District Rules 4351, 6.1.1 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
24. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
25. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
26. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), Rule 408 (Fresno), Rule 408.2 (Merced) and 407.2 (Kern, Tulare, Kings, Stanislaus, and San Joaquin); Rule 402(Madera) and 404 (all seven remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), 408 and 409 (Kern), and 408 (all six remaining counties in the San Joaquin Valley); Rule 404 (Madera) 406 (Fresno), and 407 (all six remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201, 4301, 4305, 4306, and 4351. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera). [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
30. The requirements of 40 CFR 72.6(b) and 40 CFR 60.40b do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
31. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-36-8

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

MODIFICATION OF: 20 MM BTU/HR NATURAL GAS FIRED MILK SPRAY PROCESSING LINE SERVED BY TWO NIRO CMC 3150 CYCLONES SERVED BY TWO NIRO SBF-12-500 BAGHOUSES EACH WITH 5,400 SQUARE FEET CLOTH AREA AND 37,820 SCFM BLOWERS

PERMIT UNIT REQUIREMENTS

1. Line shall include Niro F-160 rotary atomizer with high pressure type NVR/F nozzle atomization unit and Niro-Soavi high pressure pump. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Line shall include air supply fan, dry cell/high efficiency air filter, Maxon LN 20 MM Btu/hr low NOx direct gas fired heater, type DAR air dispenser, cooling air fan, conveying air fan, on/off damper, steam-heated air heater and air filter. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Line shall include Niro CDC1000-R/N drying chamber assembly, integrated fluid bed and rotary valve. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Line shall be equipped with vibrofluidizer assembly including dry cell high efficiency pre-filter, two air conveying fans, six pneumatically controlled regulating dampers, two cartridge type air filters, two air conditioning units. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Line shall be equipped with vibrofluidizer assembly including one VF-F 16m2 vibrofluidizer, Niro CHE 2250 cyclone, blow-through valve and two powder sieves. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Line shall be equipped with fines transport system including rotary air conveying blower, cartridge type air filter, four blow through valves and two-way diverter valve. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Line shall be equipped with pneumatic powder conveying system including rotary air conveying blower, air conditioning unit, cartridge type air filter, blow-through valve, powder conveying duct and two way diverter valve. [District NSR Rule] Federally Enforceable Through Title V Permit
8. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
9. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
10. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
11. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Material removed from the dust collector shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit

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

14. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse, and for each type of bag, shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Visible emissions from each baghouse shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the the baghouse is operated. 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 4101, 40 CFR Part 64] Federally Enforceable Through Title V Permit
16. Visible emissions from the exhaust of the emissions control equipments shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
17. This dryer shall be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
18. NOx emissions shall not exceed 5.3 ppmvd @ 19% O2 referenced as NO2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
19. SOx emissions shall not exceed 0.00285 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
20. CO emissions shall not exceed 10.3 ppmvd @ 19% O2. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
21. VOC emissions shall not exceed 0.0028 lb/MMBtu. [District Rule 2201] Federally Enforceable Through Title V Permit
22. The amount of dried milk powder produced shall not exceed 180 tons in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
23. PM10 emissions shall not exceed 0.344 pounds per ton of milk powder produced. [District Rule 2201] Federally Enforceable Through Title V Permit
24. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309] Federally Enforceable Through Title V Permit
25. If equipment is operating at a level not representative of design capacity during initial source testing, the District may require subsequent testing at higher rates of production. [District Rule 1081] Federally Enforceable Through Title V Permit
26. Source testing to measure NOX and CO emissions from this unit when fired on natural gas shall be conducted annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 24 months. If compliance is not shown, annual testing shall resume. [District Rules 1080 and 4309] Federally Enforceable Through Title V Permit
27. Source testing to measure PM10 emissions from the baghouse serving the spray dryer shall be conducted annually. If compliance is shown for two consecutive annual tests, then testing may be performed once every 36 months. If compliance is not shown, annual testing shall resume. [District Rule 1080] Federally Enforceable Through Title V Permit
28. For NOx and CO emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309] Federally Enforceable Through Title V Permit
29. For PM10 emissions source testing, three one-consecutive-hour test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 1080] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

30. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309] Federally Enforceable Through Title V Permit
31. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
32. Source testing to measure PM₁₀ emissions from the baghouse serving the spray dryer shall be conducted using EPA Methods 201A and 202. Alternatively, the results of a total particulate matter test using CARB Method 5 may be used to demonstrate compliance with the PM₁₀ emission limit provided the results include both the filterable (front half) and condensable (black half) particulates, and that all particulate matter is assumed to be PM₁₀. [District Rule 1080] Federally Enforceable Through Title V Permit
33. Stack gas oxygen (O₂) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309] Federally Enforceable Through Title V Permit
34. Stack gas velocities shall be determined using EPA Method 2. [District Rule 1080] Federally Enforceable Through Title V Permit
35. Stack gas moisture content shall be determined using EPA Method 4. [District Rule 1080] Federally Enforceable Through Title V Permit
36. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
37. All test results for NO_x and CO shall be reported in ppmv @ 19% O₂ (or no correction if measured above 19% O₂), corrected to dry stack conditions. [District Rule 4309] Federally Enforceable Through Title V Permit
38. 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
39. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month using a portable emission monitor (or at least once per week if an in-stack analyzer is used) that meets District specifications (in which a source test is not performed). Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
40. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer (or in-stack analyzer), exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer (or in-stack analyzer) readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
41. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit

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

42. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂ (or no correction if measured above 19% O₂), (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
43. Baghouses shall be inspected at least quarterly when the unit is not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be repaired as needed. [District Rule 2520, 9.4.2, 40 CFR part 64] Federally Enforceable Through Title V Permit
44. The permittee shall visually inspect the burner on a weekly basis to assure proper operation. [District Rule 2201] Federally Enforceable Through Title V Permit
45. Actual fuel usage and production data shall be recorded during the source test periods. [District Rule 1081] Federally Enforceable Through Title V Permit
46. Records of baghouse maintenance, inspections, repair, and burner flame inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR part 64] Federally Enforceable Through Title V Permit
47. Permittee shall maintain records of dried milk powder produced in ton per day, and operating schedule in number of hours per day, number of days per week, and number of weeks per calendar year. [District Rule 2201] Federally Enforceable Through Title V Permit
48. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and 4309] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-37-3

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

POWDERED MILK BAGGING OPERATION SERVED BY FLEX KLEEN BAGHOUSE (SHARED WITH S-525-30) MODEL WSTC121 WITH 1282 SQ. FT. CLOTH AREA AND 12,000 SCFM BLOWER

PERMIT UNIT REQUIREMENTS

1. Line shall include one Avapac powder packer not to exceed 25 electric hp and two Control and Metering Ltd bulk baggers not to exceed 75 total hp. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Total maximum dried milk powder bagged shall not exceed 500 ton/day. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Emission rates shall not exceed 0.004 lb PM10/ton of product bagged. [District NSR Rule and Rule 4202] Federally Enforceable Through Title V Permit
4. Visible emissions shall be less than 5% opacity. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The owner/operator shall maintain records of quantity of dried milk powder bagged for each day of operation, in the format approved by the District. [District NSR Rule; Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
7. The owner/operator shall check for visible emissions on a weekly basis. If any particulate matter emissions are visible, the baghouse shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.4.2] Federally Enforceable Through Title V Permit
8. Baghouse 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
9. Baghouse collector bags 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
10. The baghouse shall be maintained and operated according to manufacturer's specifications. [District NSR Rule] Federally Enforceable Through Title V Permit
11. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit
12. 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
13. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District NSR Rule] Federally Enforceable Through Title V Permit
14. 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 NSR Rule] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

15. The differential pressure gauge reading range shall be established per manufacturer's recommendation at time of start up inspection. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District NSR Rule] Federally Enforceable Through Title V Permit
17. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District NSR Rule] Federally Enforceable Through Title V Permit
18. Records of dust collector maintenance, inspection, and repair shall be maintained. the records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
19. Records shall be retained on-site for a period of at least five years and made available for District inspection upon request. [District NSR Rule] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-38-2

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

50,000 GALLON DRY POWDER STORAGE SILO #6 SERVING DRYER #1 (S-525-36) WITH NUCON BIN VENT FILTER WITH 71.5 SQUARE FEET OF CLOTH AREA AND MAXIMUM FLOW OF 535 SCFM

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading. If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.3.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. Maximum quantity of dry powder conveyed into silo shall not exceed 180 tons/day. [District NSR Rule] Federally Enforceable Through Title V Permit
6. PM-10 emissions from bin vent filter shall not exceed 0.015 lb/ton of dry powder conveyed into silo. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Permittee shall demonstrate compliance with silo throughput limit by maintaining a daily record of the quantity of dry powder conveyed into the silo. [District NSR Rule] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-39-2

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

57,000 GALLON WHEY POWDER STORAGE SILO WITH TWO NUCON BIN VENT FILTERS; RECEIVING WHEY POWDER ONLY FROM S-525-15 (DRYER #6) AND DISCHARGING ONLY TO BAGGING OPERATIONS S-525-30 AND S-525-37

PERMIT UNIT REQUIREMENTS

1. The owner/operator shall check for visible emissions weekly during silo loading. If any particulate matter emissions are visible, the bin vent filter shall be inspected for any tears, abrasions, or holes in the fabric. Any defective or damaged material shall be repaired or replaced. [District Rules 4201, 4202, and 2520 section 9.3.2] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall comply with District Rule 4202, section 4.0 (12/17/92). [District Rule 4202] Federally Enforceable Through Title V Permit
4. Records of bin vent filter maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. Maximum quantity of dry powder conveyed into silo shall not exceed 60 tons/day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. PM-10 emissions from bin vent filters shall not exceed 0.015 lb/ton of dry powder conveyed into silo. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Permittee shall demonstrate compliance with silo throughput limit by maintaining a daily record of the quantity of dry powder conveyed into the silo. Records shall be kept for a period of five years and made 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: S-525-40-2

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

"VAC-U-MAX" VACUUM SYSTEM SERVING DRYER #1 (S-525-36), CONSISTING OF A DUST COLLECTOR HOPPER, SUTORBILT ROTARY BLOWER, FILTER ASSEMBLY AND PIPED DISCHARGE TO A 55 GALLON DRUM

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 gr/dscf in concentration. [District Rule 4201 and Kern County Rule 404] Federally Enforceable Through Title V Permit
3. Visible emissions shall be inspected annually 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
4. Dust collector system shall be thoroughly inspected annually for any evidence of particulate matter leaks and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
5. 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
6. 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, 9.4.2] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-525-41-2

EXPIRATION DATE: 10/31/2008

EQUIPMENT DESCRIPTION:

"MIKRO-PULSAIRE" VACUUM SYSTEM SERVING DRYERS #4, 5, 6, 7 (S-525-3, -10, -15, & -16) AND BAGGERS (S-525-30 & -37) IN THE BAGGING WAREHOUSE, CONSISTING OF A DUST HOPPER, HOFFMAN ROTARY BLOWER, FILTER ASSEMBLY AND PIPED DISCHARGE TO A 55 GALLON DRUM

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 gr/dscf in concentration. [District Rule 4201 and Kern County Rule 404] Federally Enforceable Through Title V Permit
3. Visible emissions shall be inspected annually 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
4. Dust collector system shall be thoroughly inspected annually for any evidence of particulate matter leaks and shall be repaired as needed. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
5. 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
6. 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, 9.4.2] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202] Federally Enforceable Through Title V Permit

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

ATTACHMENT C

District Rule 4306 Stringency Analysis

Comparison of the latest amended version (amended October 16, 2008) of District Rule 4306 and the current SIP approved version, adopted September 18, 2003

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
APPLICABILITY		
This rule applies to any gaseous fuel or liquid fuel fired boiler, steam generator, or process heater with a total rated heat input greater than 5 million Btu per hour.	X	X
EXEMPTIONS		
<p>The requirements of this rule shall not apply to:</p> <p>Solid fuel fired units.</p> <p>Dryers and glass melting furnaces.</p> <p>Kilns and smelters where the products of combustion come into direct contact with the material to be heated.</p> <p>Unfired or fired waste heat recovery boilers that are used to recover or augment heat from the exhaust of combustion turbines or internal combustion engines.</p> <p>The requirements of Sections 5.1.1 and 5.1.2 shall not apply to a unit when burning any fuel other than PUC quality natural gas during PUC quality natural gas curtailment provided all of the following conditions are met:</p> <ul style="list-style-type: none"> • Fuels other than PUC quality natural gas are burned no more than 168 cumulative hours in a calendar year plus 48 hours per calendar year for equipment testing, as limited by Permit to Operate. • NOx emission shall not exceed 150 ppmv or 0.215 lb/MMBtu. Demonstration of compliance with this limit shall be made by either source testing, continuous emission monitoring system (CEMS), an APCO approved Alternate Monitoring System, or an APCO approved portable NOx analyzer. 	X	X
REQUIREMENTS		
<p><u>NOx and CO Limits (Standard Option)</u></p> <p>Units with a rated heat input equal to or less than 20.0 MMBtu/hour, except for Categories C, D, E, F, G, H, and I units</p> <p>Gaseous Fuel: 15 ppmv or 0.018 lb-NOx/MMBtu; 400 ppmv-CO</p> <p>Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO</p>	X	X

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
<u>NOx and CO Limits (Standard Option)</u> Units with a rated heat input greater than 20.0 MMBtu/hour, except for Categories C, D, E, F, G, H, and I units Gaseous Fuel: 9 ppmv or 0.011 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO	X	X
<u>NOx and CO Limits (Standard Option)</u> Oilfield Steam Generators Gaseous Fuel: 15 ppmv or 0.018 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO	X	X
<u>NOx and CO Limits (Standard Option)</u> Refinery units with a rated heat input greater than 5 MMBtu/hr up to 65 MMBtu/hr Gaseous Fuel: 30 ppmv or 0.036 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO	X	X
<u>NOx and CO Limits (Standard Option)</u> Refinery units with a rated heat input greater than 65 MMBtu/hr up to 110 MMBtu/hr Gaseous Fuel: 25 ppmv or 0.031 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO	X	X
<u>NOx and CO Limits (Standard Option)</u> Refinery units with a rated heat input greater than 110 MMBtu/hr Gaseous Fuel: 5 ppmv or 0.0062 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO	X	X
<u>NOx and CO Limits (Standard Option)</u> Load-following units Gaseous Fuel: 15 ppmv or 0.018 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO	X	X

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
<u>NOx and CO Limits (Standard Option)</u> Units limited by a Permit to Operate to an annual heat input of 9 billion Btu/year to 30 billion Btu/year Gaseous Fuel: 30 ppmv or 0.036 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO	X	X
<u>NOx and CO Limits (Standard Option)</u> Units in which the rated heat input of each burner is less than or equal to 5 MMBtu/hr but the total rated heat input of all the burners in a unit is greater than 5 MMBtu/hr, as specified in the Permit to Operate, and in which the products of combustion do not come in contact with the products of combustion of any other burner. Gaseous Fuel: 30 ppmv or 0.036 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO	X	X
<u>NOx and CO Limits (Enhanced Option)</u> Units with a rated heat input equal to or less than 20.0 MMBtu/hour, except for Categories C, D, E, F, G, H, and I units Gaseous Fuel: 9 ppmv or 0.011 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO		X
<u>NOx and CO Limits (Enhanced Option)</u> Units with a rated heat input greater than 20.0 MMBtu/hour, except for Categories C, D, E, F, G, H, and I units Gaseous Fuel: 6 ppmv or 0.007 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO		X
<u>NOx and CO Limits (Enhanced Option)</u> Load-following units Gaseous Fuel: 9 ppmv or 0.011 lb-NOx/MMBtu; 400 ppmv-CO Liquid Fuel: 400 ppmv or 0.052 lb-NOx/MMBtu; 400 ppmv-CO		X

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
<p>When a unit is operated on combinations of gaseous fuel and liquid fuel, the NOx limit shall be the heat input weighted average of the applicable limits specified in Sections 5.1.1, as calculated by the following equation:</p> $\text{WeightedAverageLimit} = \frac{(\text{NOx limit for gaseous fuel} \times G) + (\text{NOx limit for liquid fuel} \times L)}{G + L}$ <p>Where: G = annual heat input from gaseous fuel L = annual heat input from liquid fuel</p>	X	X
<p>For each unit that is limited to less than 9 billion Btu per calendar year heat input pursuant to a Permit to Operate, the operator shall comply with the requirement of Section 7.4 and one of the following:</p> <ul style="list-style-type: none"> • tune the unit at least twice per calendar year, (from four to eight months apart) by a qualified technician in accordance with the procedure described in Rule 4304 (Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters). If the unit does not operate throughout a continuous six-month period within a calendar year, only one tune-up is required for that calendar year. No tune-up is required for any unit that is not operated during that calendar year; this unit may be test fired to verify availability of the unit for its intended use, but once the test firing is completed the unit shall be shutdown; or • operate the unit in a manner that maintains exhaust oxygen concentrations at less than or equal to 3.00 percent by volume on a dry basis; or • operate the unit in compliance with the applicable emission limits of Sections 5.1.1 or 5.1.2. 	X	X

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
<p>The applicable emission limits of Sections 5.1, 5.2.2 and 5.2.3 shall not apply during start-up or shutdown provided an operator complies with the requirements specified below.</p> <ul style="list-style-type: none"> • The duration of each start-up or each shutdown shall not exceed two hours, except as provided in Section 5.3.3. • The emission control system shall be in operation and emissions shall be minimized insofar as technologically feasible during start-up or shutdown. • An operator may submit an application for a Permit to Operate condition to allow more than two hours for each start-up or each shutdown provided the operator meets all of the following conditions: <ul style="list-style-type: none"> a. The maximum allowable duration of start-up or shutdown will be determined by the APCO. The allowable duration of start-up shall not exceed twelve hours and the allowable duration of shutdown shall not exceed nine hours. b. The APCO will only approve start-up or shutdown duration longer than two hours when the application clearly identifies the control technologies or strategies to be utilized; and describes what physical conditions prevail during start-up or shutdown periods that prevent the controls from being effective; and provides a reasonably precise estimate as to when the physical conditions will have reached a state that allows for the effective control of emissions. • The operator shall submit to the APCO any information deemed necessary by the APCO to determine the appropriate length of start-up or shutdown. The information shall include a detailed list of activities to be performed during start-up or shutdown and a reasonable explanation for the length of time needed to complete each activity; and a description of the material process flow rates and system operating parameters, etc., the operator plans to evaluate during the process optimization; and an explanation of how the activities and process flow affect the operation of the emissions control equipment; and basis for the requested additional duration of start-up or shutdown. 	X	X
<ul style="list-style-type: none"> ▪ Permit to Operate modification solely to include start-up or shutdown conditions shall be exempt from the BACT and offset requirements of Rule 2201 (New and Modified Stationary Source Review Rule) for applications for Authority to Construct that are submitted and are approved by the APCO by the applicable "full compliance" schedule specified in Section 7.1 Table 2 	X	

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
<ul style="list-style-type: none"> ▪ Permit to Operate (PTO) modifications solely to include start-up or shutdown conditions may be exempt from Best Available Control Technology (BACT) and emission offset requirements if the PTO modifications meet the requirements of Rule 2201 (New or Modified Stationary Source Review Rule) Section 4.2 (BACT Exemptions) and Rule 2201 Section 4.6 (Offset Exemptions). 		X
MONITORING PROVISIONS		
<p>The operator of any unit which simultaneously fires gaseous and liquid fuels shall install and maintain an operational non-resettable, totalizing mass or volumetric flow meter in each fuel line to each unit. Volumetric flow measurements shall be periodically compensated for temperature and pressure.</p>	X	X
<p>The operator of any unit subject to the applicable emission limits in Sections 5.1 shall install and maintain an operational APCO approved Continuous Emissions Monitoring System (CEMS) for NO_x, CO, and oxygen, or implement an APCO-approved Alternate Monitoring System. An APCO approved CEMS shall comply with the requirements of 40 Code of Federal Regulations (CFR) Part 51, 40 CFR Parts 60.7 and 60.13 (except subsection h), 40 CFR Part 60 Appendix B (Performance Specifications) and 40 CFR Part 60 Appendix F (Quality Assurance Procedures, and applicable provisions of Rule 1080 (Stack Monitoring). An APCO approved Alternate Monitoring System shall monitor one or more of the following: periodic NO_x and CO exhaust emission concentrations, periodic exhaust oxygen concentration, flow rate of reducing agent added to exhaust, catalyst inlet and exhaust temperature, catalyst inlet and exhaust oxygen concentration, periodic flue gas recirculation rate, other operational characteristics.</p>	X	X
<p>For units subject to the requirements of Section 5.2.1 or 5.2.2, the operator shall monitor, at least on a monthly basis, the operational characteristics recommended by the manufacturer and approved by the APCO.</p>	X	X
<p>The operator of any Category H unit listed in Section 5.1.1 Table 1 and any unit subject to Section 5.2.1 or 5.2.2 shall install and maintain an operational non-resettable, totalizing mass or volumetric flow meter in each fuel line to each unit. Volumetric flow measurements shall be periodically compensated for temperature and pressure. A master meter, which measures fuel to all units in a group of similar units, may satisfy these requirements if approved by the APCO in writing. The cumulative annual fuel usage may be verified from utility service meters, purchase or tank fill records, or other acceptable methods, as approved by the APCO.</p>	X	X

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
The APCO shall not approve an alternative monitoring system unless it is documented that continued operation within ranges of specified emissions-related performance indicators or operational characteristics provides a reasonable assurance of compliance with applicable emission limits. The operator shall source test over the proposed range of surrogate operating parameters to demonstrate compliance with the applicable emission standards.		X
COMPLIANCE DETERMINATION		
The operator of any unit shall have the option of complying with either the applicable heat input (lb/MMBtu) emission limits or the concentration (ppmv) emission limits specified in Section 5.1. The emission limits selected to demonstrate compliance shall be specified in the source test proposal pursuant to Rule 1081 (Source Sampling).	X	X
All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0.	X	
All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. Unless otherwise specified in the Permit to Operate no determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0.		X
All Continuous Emissions Monitoring System (CEMS) emissions measurements shall be averaged over a period of 15 consecutive minutes to demonstrate compliance with the applicable emission limits of this rule. Any 15-consecutive-minute block average CEMS measurement exceeding the applicable emission limits of this rule shall constitute a violation of this rule.	X	X
For emissions monitoring pursuant to Sections 5.4.2, 5.4.2.1, and 6.3.1 using a portable NOx analyzer as part of an APCO approved Alternate Emissions Monitoring System, emission readings shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15-consecutive-minute sample reading or by taking at least five (5) readings evenly spaced out over the 15-consecutive-minute period.	X	X

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
For emissions source testing performed pursuant to Section 6.3.1 for the purpose of determining compliance with an applicable standard or numerical limitation of this rule, the arithmetic average of three (3) 30-consecutive-minute test runs shall apply. If two (2) of three (3) runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit.	X	X
RECORDKEEPING		
The records required by Sections 6.1.1 through 6.1.4 shall be maintained for five calendar years and shall be made available to the APCO upon request. Failure to maintain records or information contained in the records that demonstrate noncompliance with the applicable requirements of this rule shall constitute a violation of this rule.	X	X
The operator of any unit operated under the exemption of Section 4.2 shall monitor and record for each unit the cumulative annual hours of operation on each fuel other than natural gas during periods of natural gas curtailment and equipment testing. The NO _x emission concentration (in ppmv or lb/MMBtu) for each unit that is operated during periods of natural gas curtailment shall be recorded. Failure to maintain records required by Section 6.1.1 or information contained in the records that demonstrates noncompliance with the conditions for exemption under Section 4.2 will result in loss of exemption status. On and after the applicable compliance schedule specified in Section 7.0, any unit losing an exemption status shall be brought into full compliance with this rule as specified in Section 7.3.	X	X
The operator of any Category H unit listed in Section 5.1.1 Table 1 and any unit that is subject to the requirements of Section 5.2 shall record the amount of fuel use at least on a monthly basis for each unit, or for a group of units as specified in Section 5.4.4. On and after the applicable compliance schedule specified in Section 7.0, in the event that such unit exceeds the applicable annual heat input limit specified in Sections 5.1.1 Table 1 Category H and Section 5.2, the unit shall be brought into full compliance with this rule as specified in Section 7.4.	X	X
The operator of any unit subject to Section 5.2.1 or Section 6.3.1 shall maintain records to verify that the required tune-up and the required monitoring of the operational characteristics of the unit have been performed.	X	X
The operator performing start-up or shutdown of a unit shall keep records of the duration of start-up or shutdown.	X	X
TEST METHODS		

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
<p>The following test methods shall be used unless otherwise approved by the APCO and EPA.</p> <p>Fuel hhv shall be certified by third party fuel supplier or determined by: ASTM D 240-87 or D 2382-88 for liquid hydrocarbon fuels; ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89 for gaseous fuels.</p> <p>Oxides of nitrogen (ppmv) - EPA Method 7E, or ARB Method 100.</p> <p>Carbon monoxide (ppmv) - EPA Method 10, or ARB Method 100.</p> <p>Stack gas oxygen - EPA Method 3 or 3A, or ARB Method 100.</p> <p>NOx Emission Rate (Heat Input Basis) - EPA Method 19.</p> <p>Stack gas velocities - EPA Method 2.</p> <p>Stack gas moisture content - EPA Method 4.</p>	X	X
COMPLIANCE TESTING		
<p>Each unit subject to the requirements in Sections 5.1 or 5.2.3 shall be source tested to determine compliance with the applicable emission limits at least once every 12 months, (no more than 30 days before or after the required annual source test date). Units that demonstrate compliance on two consecutive 12-month source tests may defer the following 12-month source test for up to 36 months (no more than 30 days before or after the required 36-month source test date). During the 36-month source testing interval, the operator shall tune the unit in accordance with the provisions of Section 5.2.1, and shall monitor, on a monthly basis, the unit's operational characteristics recommended by the manufacturer to ensure compliance with the applicable emission limits specified in Sections 5.1 or 5.2.3. Tune-ups required by Sections 5.2.1 and 6.3.1 do not need to be performed for units that operate and maintain an APCO approved CEMS or an APCO approved Alternate Monitoring System where the applicable emission limits are periodically monitored. If the result of the 36-month source test demonstrates that the unit does not meet the applicable emission limits specified in Sections 5.1 or 5.2.3, the source testing frequency shall revert to at least once every 12 months. Failure to comply with the requirements Section 6.3.1, or any source test results that exceed the applicable emission limits in Sections 5.1 or 5.2.3 shall constitute a violation of this rule.</p>	X	X

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
<p>In lieu of compliance with Section 6.3.1, compliance with the applicable emission limits in Sections 5.1 or 5.2.3 shall be demonstrated by submittal of annual emissions test results to the District from a unit or units that represents a group of units, provided All units in the group are initially source tested. The emissions from all test runs from units within the group are less than 90% of the permitted value, and the emissions do not vary greater than 25% from the average of all test runs; and all units in a group are similar in terms of rated heat input, make and series, operational conditions, fuel used, and control method. No unit with a rated heat input greater than 100 MMBtu shall be considered as part of the group; and the group is owned by a single owner and is located at a single stationary source; and selection of the representative unit(s) is approved by the APCO prior to testing; and the number of representative units source tested shall be at least 30% of the total number of units in the group. The representative tests shall rotate each year so that within three years all units in the group have been tested at least once. All units in the group shall have received the similar maintenance and tune-up procedures as the representative unit(s) as listed in the Permit to Operate. The operator shall submit to the APCO the specific maintenance procedures to be performed on each unit that will be included in the group for representative testing. Such maintenance procedures shall be specified in the Permit to Operate for units that are included in the group for representative testing. Any maintenance work on a unit which has no effect on emissions standards and which is not specified in the maintenance procedures shall be submitted to the APCO for approval before such unit can be included as part of the group for representative testing. Any unit that necessitates any maintenance work which has an effect on emission standards and is beyond the maintenance procedures identified in the Permit to Operate, shall not be included as part of the group for representative testing. The unit shall be source tested in accordance with the provisions of Section 6.3.1; and should any of the representative units exceed the required emission limits, each of the units in the group shall demonstrate compliance by emissions testing. Failure to complete emissions testing within 90 days of the failed test shall result in the untested units being in violation of this rule. After compliance with the requirements of Section 6.3.2.7 has been demonstrated, subsequent source testing shall be performed pursuant to Sections 6.3.1 or 6.3.2.</p>	X	X
EMISSION CONTROL PLAN		

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
<p>The operator of any unit shall submit to the APCO for approval an Emissions Control Plan according to the compliance schedule in Section 7.0. For each unit, the plan shall contain the following: Permit to Operate number, fuel type and hmv, annual fuel consumption (Btu/yr), current emission level, including method used to determine emission level, and plan of actions, including a schedule of increments of progress, which will be taken to satisfy the requirements of Section 5.0 and the compliance schedule in Section 7.0.</p>	X	
<p>The operator of any unit shall submit to the APCO for approval an Emissions Control Plan according to the compliance schedule in Section 7.0. For each unit, the plan shall contain the following: Permit to Operate number, fuel type and hmv, annual fuel consumption (Btu/yr), current emission level, including method used to determine emission level, NOx limit to be satisfied, either Standard Option or Enhanced Option, and plan of actions, including a schedule of increments of progress, which will be taken to satisfy the requirements of Section 5.0 and the compliance schedule in Section 7.0.</p>		X
<p>The operator shall submit to the APCO for approval, as part of the ECP, a list of units which are to be designated as load-following units. The APCO shall only designate, as load-following, units for which the following information has been provided to demonstrate that the units qualify as load-following: technical data such as steam demand charts or other information to demonstrate the normal operational load fluctuations and requirements of the unit, technical data about the operational response range of an ultra low NOx burner system(s) operating at 9 ppmv NOx, and technical data demonstrating that the unit(s) are designed and operated to optimize the use of base-loaded units in conjunction with the load-following unit(s).</p>	X	X
CALCULATIONS		
<p>All ppmv emission limits specified in Section 5.1 are referenced at dry stack gas conditions and 3.00 percent by volume stack gas oxygen. Emission concentrations shall be corrected to 3.00 percent oxygen as follows:</p> $[\text{ppm NOx}]_{\text{corrected}} = \frac{17.95\%}{20.95\% - [\%O_2]_{\text{measured}}} \times [\text{ppm NOx}]_{\text{measured}}$ $[\text{ppm CO}]_{\text{corrected}} = \frac{17.95\%}{20.95\% - [\%O_2]_{\text{measured}}} \times [\text{ppm CO}]_{\text{measured}}$ <p>All pounds per million Btu NOx emission rates shall be calculated as pounds of nitrogen dioxide per million Btu of heat input (hmv).</p>	X	X
ALTERNATIVE EMISSION CONTROL		

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
The single owner of two or more units may comply with Section 5.1 by controlling units in operation at the same stationary source, or at two contiguous stationary sources, to achieve an aggregated NOx emission factor no higher than 90 percent of the aggregated NOx emission factor limit that would result if each unit in operation were individually in compliance with the applicable NOx emission limits in Section 5.1. An operator that is subject to the AECR requirements below shall also comply with the applicable requirements of Sections 5.0, 6.0, 7.0 and 8.0.	X	X
A unit not subject to Section 5.1 or Section 5.2.3 is not eligible for inclusion in an AECR.	X	X
No unit subject to Sections 5.2.1 or 5.2.2 shall be included in an AECR.	X	X
<p>Aggregated NOx emission factor limit: the sum of the NOx emissions, over seven consecutive calendar days, that would result if all units in the AECR were in compliance with the lb/MMBtu limits in Section 5.1 and operating at their actual firing rates, divided by the sum of the heat input of all units in the AECR over seven consecutive calendar days. Aggregated emission factor limit is calculated as:</p> $L_A = \frac{\sum L_i F_i}{\sum F_i}$ <p>where: L_A is the aggregated NOx emission factor limit (lb/MMBtu)</p> <p>L_i is the applicable NOx emission factor limit (lb/MMBtu) specified in Section 5.1.1 Table 1 or Section 5.1.2 for each category of unit in the AECR,</p> <p>F_i is the total heat input (hhv basis) of fuel (MMBtu) combusted in each unit during seven consecutive calendar days, and</p> <p>i identifies each unit in the AECR.</p>	X	X

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
<p>Aggregated NOx emission factor: the sum of the actual NOx emissions during seven consecutive calendar days from all units in the AECF, divided by the sum of the heat input of all units in the AECF during seven consecutive calendar days. The aggregated emission factor is calculated as:</p> $E_A = \frac{\sum E_i F_i}{\sum F_i}$ <p>where: E_A is the aggregated NOx emission factor (lb/MMBtu),</p> <p>E_i is the NOx emission factor (lb/MMBtu) for each unit in the AECF, established and verified by source testing, or continuous emission monitors,</p> <p>F_i is the total heat input (hhv basis) of fuel (MMBtu) combusted in each unit during seven consecutive calendar days, and</p> <p>i identifies each unit in the AECF.</p>	X	X
<p>9.6.1 The AECF shall: Contain all data, records, and other information necessary to determine eligibility of the units for alternative emission control, including but not limited to a list of units subject to alternative emission control, daily average and maximum hours of utilization for each unit, rated heat input of each unit, and fuel type for each unit. Present the methodology for recordkeeping and reporting required by Sections 9.6.4 and 9.6.5. Demonstrate that the aggregated emission factor will meet the requirements of Section 9.5. Demonstrate that the schedule for achieving AECF NOx emission levels is at least as expeditious as the schedule if applicable units were to comply individually with the applicable emission levels in Section 5.1 and the increments of progress in Section 7.0.</p>	X	
<p>9.6.1 The AECF shall contain all data, records, and other information necessary to determine eligibility of the units for alternative emission control, including but not limited to a list of units subject to alternative emission control, daily average and maximum hours of utilization for each unit, rated heat input of each unit, and fuel type for each unit. Present the methodology for recordkeeping and reporting required by Sections 9.6.4 and 9.6.5. Specify which NOx limit, either Standard Option or Enhanced Option, will be satisfied by the units under the AECF. Demonstrate that the aggregated emission factor will meet the requirements of Section 9.5. Demonstrate that the schedule for achieving AECF NOx emission levels is at least as expeditious as the schedule if applicable units were to comply individually with the applicable emission levels in Section 5.1 and the increments of progress in Section 7.0.</p>		X

District Rule 4306 Requirements	Adopted September 18, 2003	Amended October 16, 2008
Owners shall demonstrate APCO approval of the AECF prior to applying for a modification to said AECF.	X	X
<p>In addition to the records kept pursuant to Section 6.1, the operator shall maintain records, on a daily basis, of the parameters needed to demonstrate compliance with the applicable NOx emission limits when operating under the AECF. The records shall be retained for at least five years and shall be made available to the APCO upon request. The records shall include, but are not limited to, the following:</p> <p>For each unit included in the AECF the owner shall maintain the following records for each day the fuel type and amount used for each unit (F_i), the actual emission factor for each unit (E_i), the total emissions for all units ($\sum E_i F_i$), the aggregated emission factor (E_A), the aggregated emission factor limit (L_A), and any other parameters needed to demonstrate daily compliance with the applicable NOx emissions when operating the units under the AECF.</p>	X	X
<p>Notifications of any violation pursuant to Section 9.5 shall include: name and location of facility, list of applicable units, cause and expected duration of exceedance, the amount of excess emissions, and proposed corrective actions and schedule.</p>	X	X

ATTACHMENT D

Detailed Facility List

Detailed Facility Report
For Facility=525 and excluding Deleted Permits
Sorted by Facility Number and Permit Number

LAND O' LAKES, INC. 400 SOUTH "M" ST TULARE, CA 93274	FAC #	S 525	TYPE:	TitleV	EXPIRE ON:	10/31/2008
	STATUS:	A	TOXIC ID:	50065	AREA:	21 / 316
	TELEPHONE:	(559) 687-6551			INSP. DATE:	04/11

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-525-2-9	71.7 MMBtu/hr	3020-02 H	1	1,030.00	1,030.00	A	71.7 MMBTU/HR BABCOCK AND WILCOX BOILER WITH "TODD" LOW NOX BURNER (MODEL VARIFLAME) AND FLUE GAS RECIRCULATION, WITH NATURAL GAS AND FUEL OIL FIRING CAPABILITIES
S-525-3-7	17.74 MMBtu/hr	3020-02 H	1	1,030.00	1,030.00	A	17.74 MMBTU/HR "MARRIOTT- WALKER" DRYER #4 WITH BAGHOUSE
S-525-10-5	12 MMBtu/hr	3020-02 G	1	815.00	815.00	A	12 MMBTU/HR "BLAW KNOX" DRYER #5 WITH BAGHOUSE: FOR RULE 4309 COMPLIANCE
S-525-11-2	34,034 GALLONS	3020-05 C	1	135.00	135.00	A	34,034 GALLON DRY POWDER STORAGE SILO #1
S-525-12-2	34,034 GALLONS	3020-05 C	1	135.00	135.00	A	34,034 GALLON DRY POWDER STORAGE SILO #2
S-525-13-2	34,034 GALLONS	3020-05 C	1	135.00	135.00	A	34,034 GALLON DRY POWDER STORAGE SILO #3
S-525-14-2	26,399 GALLONS	3020-05 C	1	135.00	135.00	A	26,399 GALLON DRY POWDER STORAGE SILO #4
S-525-30-14	28 MMBtu/hr	3020-02 H	1	1,030.00	1,030.00	A	28 MMBTU/HR NATURAL GAS FIRED NON-FAT MILK PROCESSING LINE
S-525-31-3	750 BRAKE HP	3020-10 D	1	479.00	479.00	A	750 HP CUMMINS MODEL VTA28681 DIESEL-FIRED EMERGENCY IC ENGINE POWERING 500 KW ELECTRICAL GENERATOR
S-525-32-3	435 BRAKE HP	3020-10 D	1	479.00	479.00	A	435 HP CUMMINS MODEL NTA-855-GS DIESEL-FIRED IC ENGINE POWERING A 260 KW ELECTRICAL GENERATOR
S-525-33-3	900 HP	3020-10 E	1	602.00	602.00	A	900 HP CUMMINS DIESEL-FIRED IC ENGINE POWERING A 535 KW ELECTRICAL GENERATOR
S-525-35-7	122,000 KBtu/hr	3020-02 H	1	1,030.00	1,030.00	A	122 MMBTU/HR NATURAL GAS-FIRED BOILER WITH FLUE GAS RECIRCULATION, JOHN ZINK TODD RMB MODEL TI450IGO3650X LOW NOX BURNER AND OXYGEN CONTROLLER
S-525-36-8	20 MMBtu/hr	3020-02 H	1	1,030.00	1,030.00	A	MODIFICATION OF: 20 MM BTU/HR NATURAL GAS FIRED MILK SPRAY PROCESSING LINE SERVED BY TWO NIRO CMC 3150 CYCLONES SERVED BY TWO NIRO SBF-12-500 BAGHOUSES EACH WITH 5,400 SQUARE FEET CLOTH AREA AND 37,820 SCFM BLOWERS
S-525-37-3	100 HP ELECTRIC MOTOR HP	3020-01 D	1	314.00	314.00	A	POWDERED MILK BAGGING OPERATION SERVED BY FLEX KLEEN BAGHOUSE (SHARED WITH S-525-30) MODEL WSTC121 WITH 1282 SQ. FT. CLOTH AREA AND 12,000 SCFM BLOWER
S-525-38-2	50,000 GAL SILO #6	3020-05 D	1	185.00	185.00	A	50,000 GALLON DRY POWDER STORAGE SILO #6 SERVING DRYER #1 (S-525-36) WITH NUCON BIN VENT FILTER WITH 71.5 SQUARE FEET OF CLOTH AREA AND MAXIMUM FLOW OF 535 SCFM
S-525-39-2	57,000 gallons	3020-05 D	1	185.00	185.00	A	57,000 GALLON WHEY POWDER STORAGE SILO WITH TWO NUCON BIN VENT FILTERS; RECEIVING WHEY POWDER ONLY FROM S-525-43 AND DISCHARGING ONLY TO BAGGING OPERATIONS S-525-30, '-37, AND '-44

Detailed Facility Report
For Facility=525 and excluding Deleted Permits
Sorted by Facility Number and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-525-40-2	<25 HP	3020-01 A	1	87.00	87.00	A	"VAC-U-MAX" VACUUM SYSTEM SERVING DRYER #1 (S-525-36), CONSISTING OF A DUST COLLECTOR HOPPER, SUTORBILT ROTARY BLOWER, FILTER ASSEMBLY AND PIPED DISCHARGE TO A 55 GALLON DRUM
S-525-41-2	<25 HP	3020-01 A	1	87.00	87.00	A	"MIKRO-PULSAIRE" VACUUM SYSTEM SERVING DRYERS #4, 5, 6, 7 (S-525-3, -10, -15, & -16) AND BAGGERS (S-525-30 & -37) IN THE BAGGING WAREHOUSE, CONSISTING OF A DUST HOPPER, HOFFMAN ROTARY BLOWER, FILTER ASSEMBLY AND PIPED DISCHARGE TO A 55 GALLON DRUM

Number of Facilities Reported: 1