

August 19, 2021

Mr. Chris Bennett  
Olam Spices  
205 E River Park Cir, Ste 310  
Fresno, CA 93720

**Re: Notice of Preliminary Decision – Title V Permit Renewal**  
**Facility Number: C-7748**  
**Project Number: C-1200320**

Dear Mr. Bennett:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Olam Spices at 47641 W Nees Ave in Firebaugh, California.

The notice of preliminary decision for this project has been posted on the District's website ([www.valleyair.org](http://www.valleyair.org)). After addressing all comments made during the 30-day public notice and the 45-day EPA comment periods, the District intends to issue the renewed Federally Mandated Operating Permit. Please submit your written comments on this project within the 30-day public comment period, as specified in the enclosed public notice.

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

Sincerely,



Brian Clements  
Director of Permit Services

Enclosures

cc: Courtney Graham, CARB (w/enclosure) via email  
cc: Laura Yannayon, EPA (w/enclosure) via EPS

**Samir Sheikh**  
Executive Director/Air Pollution Control Officer

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# SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT

## Proposed Title V Permit Renewal Evaluation Olam Spices C-7748

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# TITLE V PERMIT RENEWAL EVALUATION

## Vegetable Dehydration

**Engineer:** Sajjad Ahmad  
**Date:** July 23, 2021

**Facility Number:** C-7748  
**Facility Name:** Olam Spices  
**Mailing Address:** 205 E River Park Cir, Ste 310  
Fresno, CA 93720

**Contact Name:** Chris Bennett  
**Title:** Plant Manager  
**Phone:** (209) 364-2065

**Responsible Official:** Chris Bennett  
**Title:** Plant Manager

**Project # :** C-1200320  
**Deemed Complete:** March 3, 2020

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### I. PROPOSAL

Olam Spices (Olam) was issued its initial Title V permit on August 31, 2015. 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

The facility is located at 47641 W Nees Avenue in Firebaugh, California.

### III. EQUIPMENT LISTING

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

### 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 or Evaluated

- District Rule 2020, Exemptions (amended December 18, 2014)
- District Rule 2201, New and Modified Stationary Source Review Rule (amended April 21, 2011 – SIP version, last amended August 15, 2019 – non-SIP version)
- District Rule 2520, Federally Mandated Operating Permits (amended August 15, 2019 – non-SIP version)
- District Rule 4306, Boilers, Steam Generators, and Process Heaters - Phase 3 (amended October 16, 2008 – SIP version, last amended December 17, 2020 – Non-SIP version)
- District Rule 4320, Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters Greater Than 5.0 MMBtu/hr (amended October 16, 2008 – SIP version, last amended December 17, 2020 – Non-SIP version)
- District Rule 4601, Architectural Coatings (amended December 17, 2009 – SIP version, last amended April 16, 2020 – Non-SIP version)

- 40 CFR Part 60, Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (amended October 7, 2020)
- 40 CFR Part 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (amended December 4, 2020)
- 40 CFR Part 64, Compliance Assurance Monitoring (CAM)<sup>1</sup>
- 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners (amended May 6, 2021)
- 40 CFR Part 82, Subpart F, Recycling and Emission Reduction (amended May 6, 2021)

#### **B. Rules Removed**

There are no applicable rules that were removed since the initial Title V was issued.

#### **C. Rules Added**

There are no applicable rules that were added since the initial Title V was issued.

#### **D. Rules Not Updated**

- District Rule 1070, Inspections (amended December 17, 1992)
- District Rule 1081, Source Sampling (amended December 16, 1993)
- District Rule 1100, Equipment Breakdown (amended December 17, 1992)
- District Rule 1160, Emission Statements (adopted November 18, 1992)
- District Rule 2010, Permits Required (amended December 17, 1992)
- District Rule 2031, Transfer of Permits (amended December 17, 1992)
- District Rule 2040, Applications (amended December 17, 1992)

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<sup>1</sup> Although 40 CFR Part 64 has not been amended since the issuance of initial Title V permit, several modifications of existing permit units have been made and new permit units have been added. Therefore, this part will be evaluated for all permit units to ensure continued compliance.

- District Rule 2070, Standards for Granting Applications (amended December 17, 1992)
- District Rule 2080, Conditional Approval (amended December 17, 1992)
- District Rule 2410, Prevention of Significant Deterioration (adopted June 16, 2011)
- District Rule 4101, Visible Emissions (amended February 17, 2005)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4301, Fuel Burning Equipment (amended December 17, 1992)
- District Rule 4304, Equipment Tuning Procedure for Boilers, Steam Generators and Process Heaters (adopted October 19, 1995)
- District Rule 4305, Boilers, Steam Generators, and Process Heaters - Phase 2 (amended August 21, 2003)
- District Rule 4309, Dryers, Dehydrators, and Ovens (amended December 15, 2005)
- District Rule 4351, Boilers, Steam Generators, and Process Heaters - Phase 1 (amended August 21, 2003)
- District Rule 4702, Internal Combustion Engines (amended November 14, 2013)
- District Rule 4801, Sulfur Compounds (amended December 17, 1992)
- District Rule 8011 (Fugitive Dust), General Requirements (amended August 19, 2004)
- District Rule 8021 (Fugitive Dust), Construction, Demolition, Excavation, and Extraction Activities (amended August 19, 2004)
- District Rule 8031 (Fugitive Dust), Bulk Materials (amended August 19, 2004)

- District Rule 8041 (Fugitive Dust), Carryout and Trackout (amended August 19, 2004)
- District Rule 8051 (Fugitive Dust), Open Area (amended August 19, 2004)
- District Rule 8061 (Fugitive Dust), Paved and Unpaved Roads (amended August 19, 2004)
- District Rule 8071 (Fugitive Dust), Unpaved Vehicle/Equipment Areas (amended September 16, 2004)
- 40 CFR Part 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos (amended July 20, 2004)

## 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

None

### B. Rules Not Updated

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

This rule prevents the discharge from any source whatsoever such quantities of air contaminants or other materials which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health or safety of any such

person or the public or which cause or have a natural tendency to cause injury or damage to business or property.

The following table summarizes permit units which have permit conditions which are solely based on Rule 4102; therefore, these permit conditions are not federally enforceable through Title V.

Permit Unit	Permit Condition #
C-7748-0-2	41
C-7748-10-16	2
C-7748-11-16	2
C-7748-13-14	2
C-7748-22-4	2

## 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 is specifically exempt from obtaining permits and specifies recordkeeping requirements to verify such exemptions. The last amended version of this rule is currently not SIP approved. Additionally last amendments to this rule do not have any effect 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 has been amended since facility's initial Title V permit was issued. However, the requirements of this rule are only triggered at the time the source undergoes a modification. All applicable requirements from any NSR permit actions have already been incorporated into the current Title V permit, except for the terms from project #C-1202622 which are being included as part of this Title V permit renewal (see explanation below).

Project #C-1202622 was subject to the NSR Rule and Authority to Construct C-7748-5-4 issued in that project is being incorporated into the Title V permit as part of this Title V Renewal (see Attachment D for a copy of the ATC '-5-4). As a result, the following NSR terms are being incorporated into the Title V permit within this renewal:



- Conditions #4 thru 16 from ATC C-7748-5-4, which are based on NSR, have been included in proposed Title V permit C-7748-5-6.

**C. District Rule 2520 - Federally Mandated Operating Permits**

This rule has been amended since the issuance of the initial TV permit, but the last amended version of the rule is not SIP approved. Additionally, the amendments to this rule do not have any effect on current permit requirements. However, only greenhouse gas emissions will be addressed under Rule 2520 during this renewal.

Greenhouse Gas Discussion

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

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

This rule limits NOx and CO emissions from boilers, steam generators and process heaters rated greater than 5 MMBtu/hr. Only the 29.4 MMBtu/hr natural gas-fired boiler (permit unit C-7748-14) is subject to this rule.

The unit is in compliance with the current SIP version of the rule and will also comply with the emission limits of the last amended non-SIP approved version of the rule as summarized in the table below:

Category	Operated on Gaseous Fuel		Operated on Liquid Fuel	
	NOx Limit	CO Limit (ppmv)	NOx Limit	CO Limit (ppmv)
2. All other units with a total rated heat input > 20.0 MMBtu/hour and ≤ 75 MMBtu/hour	7 ppmv or 0.0085 lb/MMBtu	400	40 ppmv or 0.052 lb/MMBtu	400
3. Units with a rated heat input > 75 MMBtu/hour	5 ppmv or 0.0061 lb/MMBtu	400	40 ppmv or 0.052 lb/MMBtu	400

Additionally, the amendments to this rule do not have any effect on the current permit requirements; therefore, no further discussion is necessary of this rule.

**E. District Rule 4320 - Advanced Emission Reduction Options for Boilers, Steam Generators, and Process Heaters Greater Than 5.0 MMBtu/hr**

This rule limits NO<sub>x</sub>, CO, SO<sub>2</sub> and PM<sub>10</sub> emissions from boilers, steam generators and process heaters rated greater than 5 MMBtu/hr. Only the 29.4 MMBtu/hr natural gas-fired boiler (permit unit C-7748-14) is subject to this rule.

The unit is in compliance with the current SIP approved version of the rule. However, the last amended version of the rule, which is not SIP approved, requires a lower NO<sub>x</sub> emission limit for this unit. The table below from the non-SIP version of the rule specifies the applicable NO<sub>x</sub> emission limits, Emission Control Plan, Authority to Construct, and compliance deadlines:

Table 2: Tier 2 NO <sub>x</sub> Emission Limits				
Category	NO <sub>x</sub> Limit	Emission Control Plan	Authority to Construct	Compliance Deadline
B. Units with a total rated heat input > 20.0 MMBtu/hr, except for Categories C through E units				
1. Fire Tube Boilers with a total rated heat input > 20.0 MMBtu/hour and ≤ 75 MMBtu/hour	2.5 ppmv or 0.003 lb/MMBtu	May 1, 2022	May 1, 2022	December 31, 2023
2. All other units with a total rated heat input > 20.0 MMBtu/hour and ≤ 75 MMBtu/hour	2.5 ppmv or 0.003 lb/MMBtu	May 1, 2022	May 1, 2022	December 31, 2023
3. Units with a rated heat input > 75 MMBtu/hour	2.5 ppmv or 0.003 lb/MMBtu	May 1, 2022	May 1, 2022	December 31, 2023

Since the last amended version of the rule is not SIP approved and no compliance deadlines have passed, this version of the rule will not be discussed further in this evaluation. Since the unit is currently in compliance with the current SIP version of the rule, no further discussion is necessary of this rule.

**F. District Rule 4601 - Architectural Coatings**

District Rule 4601 applies to architectural coatings and conditions #23 thru 25 on facility-wide PTO C-7748-0-2 satisfy the applicable requirements of this rule. However, the last amended version of this rule is currently not SIP approved. Additionally last amendments to this rule do not have any effect on current permit requirements and will therefore not be addressed in this evaluation.

**G. 40 CFR Part 60, Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**

This Subpart is only applicable to the 1,877 bhp natural gas-fired IC engine (permit unit C-7748-16). After the initial Title V permit was issued to the facility on August 31, 2015, the following sections of this Subpart were amended:

Section Amended	Date Amended	Applicable to this Unit?
§60.4235	Dec. 4, 2020	No
§60.4245	Aug. 30, 2016	No
Table 2	Oct. 7, 2020	No

As seen above, the latest amendments to this Subpart do not affect the requirements of this permit unit. Additionally, this permit unit currently complies with the applicable requirements of this Subpart; therefore, no further discussion is necessary for this Subpart.

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

This Subpart is only applicable to the 1,877 bhp natural gas-fired IC engine (permit unit C-7748-16). After the initial Title V permit was issued to the facility on August 31, 2015, the following sections of this Subpart were amended:

Section Amended	Date Amended	Applicable to this Unit?
§63.6604	Dec. 4, 2020	No
§63.6645	Nov. 19, 2020	No
Table 8	Nov. 19, 2020	No

As seen above, the latest amendments to this Subpart do not affect the requirements of any permit units at this facility.

Additionally, pursuant to Section 63.6590(c)(1), this permit unit is a new spark ignition stationary RICE (constructed after June 12, 2006) and will comply with the requirements of this subpart by complying with the requirements of 40 CFR 60 subpart JJJJ. As stated above, the engine already complies with the applicable requirements of 40 CFR 60 subpart JJJJ; therefore, no further discussion is necessary for this Subpart.

**I. 40 CFR Part 64, Compliance Assurance Monitoring (CAM)**

40 CFR Part 64 has not been amended since the issuance of the initial Title V permit. However, several modifications of existing permit units have been made and new permit units have been added since the issuance of the initial Title V permit. Therefore, the requirements of this Part will be evaluated below for all permit units at this facility to ensure continued compliance.

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

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

a. C-7748-1-8: VEGETABLE MILLING OPERATION (MILL ROOM #1)

This permit unit has an emission limit and an add-on control device (baghouse) for PM10.

The post-control PE =  $0.052 \text{ lb/ton} \times 23,255 \text{ tons/yr} = 1,209 \text{ lb/yr}$ .

Considering a baghouse control efficiency of 99% (current PTO), the pre-control PE =  $1,209 \text{ lb/yr} / (1 - 0.99) = 120,900 \text{ lb/yr}$ .

Since the pre-control PE is less than the PM10 major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

b. C-7748-2-11: VEGETABLE MILLING OPERATION (MILL ROOM #2 & 3)

There are three emission units under this permit unit: Powder Consolidation System, Milling Room, and Packing System. Each emission unit has an emission limit and an add-on control device (baghouse) for PM10.

Powder Consolidation System:

The post-control PE =  $0.0024 \text{ lb/ton} \times 36,000 \text{ tons/yr} = 86 \text{ lb/yr}$ .

Considering a baghouse control efficiency of 99% (current PTO), the pre-control PE =  $86 \text{ lb/yr} / (1 - 0.99) = 8,600 \text{ lb/yr}$ .

Since the pre-control PE is less than the PM10 major source threshold (140,000 lb/yr), CAM is not applicable to this emission unit.

Milling Room and Packing System:

The post-control PE for each of these emission units is calculated as below:

The post-control PE = 0.052 lb/ton x 36,000 tons/yr = 1,872 lb/yr.

Considering a baghouse control efficiency of 99%, the pre-control PE = 1,872 lb/yr / (1 – 0.99) = 187,200 lb/yr.

Since the pre-control PE is greater than the PM10 major source threshold (140,000 lb/yr), CAM is applicable to each of these emission units.

Monitoring interval: Since the post-control annual emissions do not exceed the major source threshold, a once a day monitoring interval is sufficient to determine compliance with CAM.

This permit unit implements the requirements of CAM for the milling room and packing system by monitoring PM10 emissions using visible emissions evaluation as a surrogate, in conjunction with monitoring of the baghouse differential pressure to provide supplemental indication of PM10 emission control performance.

The monitoring design criteria of §64.3 are satisfied by conditions 4, 5, 6, 18, and 21 on the proposed PTO C-7748-2-11.

The requirements of §64.7 (operation of approved monitoring) are satisfied by conditions 22, 23 and 24 on the proposed PTO C-7748-2-11.

The requirements of §64.8 (quality improvement plan) are satisfied by condition 26 on the proposed PTO C-7748-2-11.

The requirements of §64.9 (reporting and recordkeeping) are satisfied by condition 25 on the proposed PTO C-7748-2-11.

- c. C-7748-5-6: VEGETABLE PACKAGING OPERATION CONSISTING OF, PRODUCT DUMP STATIONS, TWO VIBRATING CONVEYORS, TWO SCREW CONVEYORS, AND A SATAKE MODEL RNEZX-4500 COLOR SORTER ALL SERVED BY A 19,200 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE, AND A TAYLOR MODEL IBC 3000 BULK BAG/TOTE/DRUM FILLER AND ASSOCIATED BELT & ROLLER CONVEYORS
- d. C-7748-6-5: BLENDING AND PACKAGING OPERATION (EAST WAREHOUSE 5) CONSISTING OF A MUNSON CONTINUOUS MIXER, VIBRATING TABLE, ASSOCIATED AUGERS AND ROTEX SIFTER ALL SERVED BY A 7,200 CFM SAUNCO MODEL 8-SFLB-81 BAGHOUSE (SHARED WITH UNIT -18)

Each of these permit units has an emission limit and an add-on control device (baghouse) for PM10.

The post-control PE =  $0.052 \text{ lb/ton} \times 51,000 \text{ tons/yr} = 2,652 \text{ lb/yr}$ .

Considering a baghouse control efficiency of 99%, the pre-control PE =  $2,652 \text{ lb/yr} / (1 - 0.99) = 265,200 \text{ lb/yr}$ .

Since the pre-control PE is greater than the PM10 major source threshold (140,000 lb/yr), CAM is applicable to these permit units.

Monitoring interval: Since the post-control annual emissions do not exceed the major source threshold, a once a day monitoring interval is sufficient to determine compliance with CAM.

These permit units implement the requirements of CAM for the packaging operations by monitoring PM10 emissions using visible emissions evaluation as a surrogate, in conjunction with monitoring of the baghouse differential pressure to provide supplemental indication of PM10 emission control performance.

The monitoring design criteria of §64.3 are satisfied by conditions 7, 8, 9 and 16 on proposed PTOs C-7748-5-6 and -6-5.

The requirements of §64.7 (operation of approved monitoring) are satisfied by conditions 17, 18 and 19 on proposed PTOs C-7748-5-6 and -6-5.

The requirements of §64.8 (quality improvement plan) are satisfied by condition 21 on proposed PTOs C-7748-5-6 and -6-5.

The requirements of §64.9 (reporting and recordkeeping) are satisfied by condition 20 on proposed PTOs C-7748-5-6 and -6-5.

- e. C-7748-8-3: AGGLOMERATION OPERATION WITH ONE AGGLOMERATOR ROOM CONSISTING OF TWO GLATT PRODUCT AGGLOMERATORS AND ONE AGG SIFTER ROOM CONSISTING OF TWO HOPPERS, TWO GYRO WHIP SIFTERS, TWO BUCKET ELEVATORS, TWO FRITZ MILLS, AND ONE DUMPER STATION SERVED BY A SENECA MODEL 35-1M-8 BAGHOUSE

Each of the emission units under this permit unit has an emission limit and an add-on control device (baghouse) for PM10, as evaluated below:

Agglomerator Room:

The post-control PE =  $0.052 \text{ lb/ton} \times 5,000 \text{ tons/yr} = 260 \text{ lb/yr}$ .

Considering a baghouse control efficiency of 99%, the pre-control PE =  $260 \text{ lb/yr} / (1 - 0.99) = 26,000 \text{ lb/yr}$ .

Since the pre-control PE is less than the PM10 major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

AGG Sifter:

The post-control PE =  $0.052 \text{ lb/ton} \times 5,000 \text{ tons/yr} = 260 \text{ lb/yr}$ .

Considering a baghouse control efficiency of 99%, the pre-control PE =  $260 \text{ lb/yr} / (1 - 0.99) = 26,000 \text{ lb/yr}$ .

Since the pre-control PE is less than the PM10 major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

- f. C-7748-9-6: BULK PRODUCT UNLOADING CONSISTING OF ONE ROLLER TABLE AND ASSOCIATED CONVEYORS ALL SERVED BY A 20,700 CFM WILKEY MODEL #144BL144 BAGHOUSE DUST COLLECTOR, AND AN ADDITIONAL BACKUP DUMP STATION

This permit unit has an emission limit and an add-on control device (baghouse) for PM10.

The post-control PE =  $0.0005 \text{ lb/ton} \times 155,000 \text{ tons/yr} = 78 \text{ lb/yr}$ .

Considering a baghouse control efficiency of 99%, the pre-control PE = 78 lb/yr / (1 - 0.99) = 7,800 lb/yr.

Since the pre-control PE is less than the PM10 major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

- g. C-7748-10-16: 54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE A) WITH MAXON MODEL SERIES A NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -2, -11)

This permit unit has two types of emissions:

- 1) Combustion emissions (NO<sub>x</sub>, SO<sub>x</sub>, PM10, CO, and VOC) from the combustion of natural gas in the dehydrator burners, and
- 2) Material handling emissions (PM10 only) from various points of the operation.

For combustion emissions there is no add-on control devices; therefore, combustion emissions are not subject to CAM. However, for material handling PM10 emissions, the permit has an emission limit and an add-on control device (baghouse).

The material handling PM10 emissions are under SLC shared by permit units -10, -11, and -13. As a worst case, it will be assumed that permit unit -10 alone can achieve full SLC. Thus material handling PM10 emissions are calculated as below:

The post-control PE = 0.0005 lb/ton x 59,255 tons/yr = 30 lb/yr.

Considering a baghouse control efficiency of 99%, the pre-control PE = 30 lb/yr / (1 - 0.99) = 3,000 lb/yr.

Since the pre-control PE is less than the PM10 major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

- h. C-7748-11-16: 54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE B) WITH MAXON MODEL SERIES A NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -2, -10)



This permit unit has two types of emissions:

- 1) Combustion emissions (NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC) from the combustion of natural gas in the dehydrator burners, and
- 2) Material handling emissions (PM<sub>10</sub> only) from various points of the operation.

For combustion emissions there is no add-on control devices; therefore, combustion emissions are not subject to CAM. However, for material handling PM<sub>10</sub> emissions, the permit has an emission limit and an add-on control device (baghouse).

The material handling PM<sub>10</sub> emissions are under SLC shared by permit units -10, -11, and -13. As a worst case, it will be assumed that permit unit -11 alone can achieve full SLC. Thus material handling PM<sub>10</sub> emissions are calculated as below:

The post-control PE = 0.0005 lb/ton x 59,255 tons/yr = 30 lb/yr.

Considering a baghouse control efficiency of 99%, the pre-control PE = 30 lb/yr / (1 - 0.99) = 3,000 lb/yr.

Since the pre-control PE is less than the PM<sub>10</sub> major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

- i. C-7748-12-3: VEGETABLE DEHYDRATION OPERATION (LINE C) WITH STEAM PROVIDED FROM UNIT -14 AND SERVED BY A 12,000 CFM SAUNCO MODEL 10-SIFT-100 BAGHOUSE DUST COLLECTOR WITH PRE-DEHYDRATION EQUIPMENT AND POST-DEHYDRATION EQUIPMENT (ASPIRATORS & NIPPLE SEPARATORS)

This permit unit has an emission limit and an add-on control device (baghouse) for PM<sub>10</sub>.

The post-control PE = 0.0005 lb/ton x 7,000 tons/yr = 4 lb/yr.

Considering a baghouse control efficiency of 99%, the pre-control PE = 4 lb/yr / (1 - 0.99) = 400 lb/yr.

Since the pre-control PE is less than the PM<sub>10</sub> major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

- j. C-7748-13-14: 69 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE D) WITH TWO 20 MMBTU/HR MAXON MODEL NP1, THREE 8 MMBTU/HR MAXON MODEL NP1, AND ONE 5 MMBTU/HR NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND ASSOCIATED ONION SLICER EQUIPMENT

This permit unit has two types of emissions:

- 1) Combustion emissions (NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC) from the combustion of natural gas in the dehydrator burners, and
- 2) Material handling emissions (PM<sub>10</sub> only) from various points of the operation.

For combustion emissions there is no add-on control devices; therefore, combustion emissions are not subject to CAM. However, for material handling PM<sub>10</sub> emissions, the permit has an emission limit and an add-on control device (cyclones).

The material handling PM<sub>10</sub> emissions are under SLC shared by permit units -10, -11, and -13. As a worst case, it will be assumed that permit unit -13 alone can achieve full SLC. Thus material handling PM<sub>10</sub> emissions are calculated as below:

The post-control PE = 0.005 lb/ton x 59,255 tons/yr = 296 lb/yr.

Considering a cyclone control efficiency of 60%, the pre-control PE = 296 lb/yr / (1 - 0.60) = 740 lb/yr.

Since the pre-control PE is less than the PM<sub>10</sub> major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

- k. C-7748-14-12: 29.4 MMBTU/HR CLEAVER BROOKS MODEL CBI 700 NATURAL GAS-FIRED BOILER WITH A CLEAVER BROOKS MODEL CBEX700-800 LNO ULTRA LOW NOX BURNER AND O<sub>2</sub> TRIM SYSTEM

Since this permit unit is not equipped with any add-on controls, it is not subject to CAM.

I. C-7748-16-13: 1877 BHP DEUTZ MODEL TBG620V16 NATURAL GAS-FIRED IC ENGINE EQUIPPED WITH A MIRATECH SCR SYSTEM, POWERING A 1350 KW ELECTRIC GENERATOR

This permit unit has an emission limit and an add-on control device (SCR system) for NO<sub>x</sub>.

Maximum annual natural gas usage = 68.72 MMscf/year (current PTO)

Based on natural gas heating value of 1,000 Btu/scf (per District practice), the total annual heat rating is calculated as below:

$$68.72 \text{ MMscf/yr} \times (10^6 \text{ scf/MMscf}) \times (1000 \text{ Btu/scf}) \times (\text{MMBtu}/10^6 \text{ Btu}) = 68,720 \text{ MMBtu/yr}$$

NO<sub>x</sub> emission limit = 5 ppmvd NO<sub>x</sub> @ 15% O<sub>2</sub> (equivalent to 0.06 g-NO<sub>x</sub>/hp-hr) (current PTO)

This emission factor is converted in units of lb/MMBtu as below:

$$\frac{5 \text{ parts}}{10^6 \text{ parts}} \times \frac{20.9}{(20.9 - 15)} \times \frac{8710 \cdot \text{dscf}}{\text{MMBtu}} \times \frac{46 \text{ lb}}{\text{lb} - \text{mol}} \times \frac{\text{lb} - \text{mol}}{379.5 \text{ scf}} \times \frac{459.67 + 60}{459.67 + 68} = 0.0184 \cdot \text{lb} - \text{NO}_x / \text{MMBtu}$$

The unit -16 is part of the NO<sub>x</sub> SLC of 36,163 lb-NO<sub>x</sub>/year shared with permit units -10, -11, -13, -16, and -22. As a worst case, it is assumed that unit -16 can operate at its full potential for the entire year. Therefore, the post-control PE is calculated as below:

$$68,720 \text{ MMBtu/yr} \times 0.0184 \text{ lb/MMBtu} = 1,264 \text{ lb-NO}_x/\text{yr}$$

Considering an SCR control efficiency of 90%<sup>2</sup>, the pre-control PE = 1,264 lb/yr / (1 - 0.90) = 12,640 lb/yr.

Since the pre-control PE is less than the NO<sub>x</sub> major source threshold (20,000 lb/yr), CAM is not applicable to this permit unit.

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<sup>2</sup> Based on EPA document at link below, SCR NO<sub>x</sub> reduction efficiencies range from 70 – 90%:  
<https://www3.epa.gov/ttnecatc1/dir1/fscr.pdf>

- m. C-7748-17-2: KNIFE SHARPENING OPERATION CONSISTING OF SIX (6) KNIFE SHARPENING MACHINES ALL SERVED BY A SAUNCO MODEL SFSB 6-25-245 BAGHOUSE

This permit unit has an emission limit and an add-on control device (baghouse) for PM10.

The post-control PE = 0.000091 lb/knife x 576 knives/day x 365 days/yr = 19 lb/yr.

Considering a baghouse control efficiency of 99%, the pre-control PE = 19 lb/yr / (1 - 0.99) = 1,900 lb/yr.

Since the pre-control PE is less than the PM10 major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

- n. C-7748-18-4: FLAKE BLENDING OPERATION CONSISTING OF A BICONIC BLENDER WITH DRUM DUMPER AND TAKE-AWAY CONVEYOR ALL SERVED BY A 7,200 CFM SAUNCO MODEL 8-SFLB-81 BAGHOUSE (SHARED WITH UNIT -6)

This permit unit has an emission limit and an add-on control device (baghouse) for PM10.

The post-control PE = 0.052 lb/ton x 35 tons/day x 365 days/yr = 664 lb/yr.

Considering a baghouse control efficiency of 99%, the pre-control PE = 664 lb/yr / (1 - 0.99) = 66,400 lb/yr.

Since the pre-control PE is less than the PM10 major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

- o. C-7748-21-3: DRY VEGETABLE PROCESSING OPERATION SERVED BY FOUR BAGHOUSES CONSISTING OF: PNEUMATIC CONVEYING SYSTEM; A C4VA SEPARATOR, SIX ACCRODENT ROTARY SEPARATORS VENTED TO A SAUNCO 10-SIFT-100 BAGHOUSE; TWO DRYERS AND ONE BRUSH REELS VENTED TO A MAC 36FRB7 BAGHOUSE; SIX OLIVER GRAVITY SEPARATORS VENTED TO A CYCLONE AND BUHLER ASFB BAGHOUSE; GRANULE PACKAGING LINE VENTED TO A MAC 36AVR-STY3 BAGHOUSE

This permit unit has an emission limit and an add-on control device (baghouse) for PM10.

The post-control PE = 0.012 lb/ton x 8,250 tons/yr x 4 baghouses = 396 lb/yr.

Considering a baghouse control efficiency of 99%, the pre-control PE = 396 lb/yr / (1 - 0.99) = 39,600 lb/yr.

Since the pre-control PE is less than the PM10 major source threshold (140,000 lb/yr), CAM is not applicable to this permit unit.

- p. C-7748-22-4: 42.15 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE E) WITH THREE 9 MMBTU/HR MAXON MODEL NP-LE, ONE 6.9 MMBTU/HR MAXON MODEL NP-LE AND THREE 2.75 MMBTU/HR MAXON MODEL NP-LE NATURAL GAS-FIRED BURNERS

Since this permit unit is not equipped with any add-on controls, it is not subject to CAM.

**J. 40 CFR Part 82 Subpart B - Servicing of Motor Vehicle Air Conditioners**

Per §82.30(a) the purpose of 40 CFR Part 82 Subpart B is to implement section 609 of the Clean Air Act, as amended regarding the servicing of motor vehicle air conditioners (MVACs), and to implement section 608 of the Clean Air Act regarding certain servicing, maintenance, repair and disposal of air conditioners in MVACs and MVAC-like appliances (as that term is defined in 40 CFR 82.152).

Per §82.30(b) these regulations apply to any person performing service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner.

The amendments to this subpart did not have any effect on the current permit requirements and will therefore not be addressed further in this evaluation.

The following condition on the draft renewed permit is a mechanism to ensure compliance with the requirements of this subpart:

Renewed Permit	Permit Condition
C-7748-0-2	28

**K. 40 CFR Part 82 Subpart F - Recycling and Emissions Reductions**

Per §82.150(a) the purpose of 40 CFR Part 82 Subpart F is to reduce emissions of class I and class II refrigerants and their substitutes to the lowest achievable level by maximizing the recapture and recycling of such refrigerants during the service, maintenance, repair, and disposal of appliances and restricting the sale of refrigerants consisting in whole or in part of a class I and class II ODS in accordance with Title VI of the Clean Air Act.

Per §82.150(b) these regulations apply to any person servicing, maintaining, or repairing appliances. This subpart also applies to persons disposing of appliances, including small appliances and motor vehicle air conditioners. In addition, this subpart applies to refrigerant reclaimers, technician certifying programs, appliance owners and operators, manufacturers of appliances, manufacturers of recycling and recovery equipment, approved recycling and recovery equipment testing organizations, persons selling class I or class II refrigerants or offering class I or class II refrigerants for sale, and persons purchasing class I or class II refrigerants.

The amendments to this subpart did not have any effect on the current permit requirements and will therefore not be addressed further in this evaluation.

The following condition on the draft renewed permit is a mechanism to ensure compliance with the requirements of this subpart:

Renewed Permit	Permit Condition
C-7748-0-2	27

**X. PERMIT SHIELD**

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

**A. Requirements Addressed by Model General Permit Templates**

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

## **B. Requirements not Addressed by Model General Permit Templates**

The applicant is not requesting any permit shields.

## **XI. California Environmental Quality Act**

The purpose of the Title V permit renewal is to update the permit to ensure that any changes to regulations since the issuance of the initial Title V permit or most recent renewal of the Title V permit are incorporated as permit requirements.

Per the California Environmental Quality Act (CEQA) Statute §21080.24, and CEQA Guidelines §15281, the issuance, modification, amendment, or renewal of any permit by an air pollution control district or air quality management district pursuant to Title V is exempt from CEQA, unless the issuance, modification, amendment, or renewal authorizes a physical or operational change to a source or facility. There will be no physical or operational change to the source or facility nor will the Title V permit renewal authorize a physical or operational change to the source or facility. Therefore, this project, a Title V permit renewal, is subject to a ministerial action that is exempt from CEQA.

## **XII. PERMIT CONDITIONS**

See Attachment A - Draft Renewed Title V Operating Permit

## **XIII. ATTACHMENTS**

- A. Draft Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. Detailed Summary List of Facility Permits
- D. Authority to Construct C-7748-5-4

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# ATTACHMENT A

Draft Renewed Title V Operating Permit

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# San Joaquin Valley Air Pollution Control District

FACILITY: C-7748-0-2

EXPIRATION DATE: 07/31/2020

## FACILITY-WIDE REQUIREMENTS

1. {4362} The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. {4363} The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. {4368} Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: OLAM SPICES

Location: 47641 W NEES AVE, FIREBAUGH, CA 93622

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

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

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

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

34. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rules 8011 and 8071] Federally Enforceable Through Title V Permit
35. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
36. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. {4400} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. {4401} Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. On August 31, 2015, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin September 1 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

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-1-8

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

VEGETABLE MILLING OPERATION (MILL ROOM #1) CONSISTING OF A SWECO SEPARATORS, HAMMER MILL, POWDER MILL, ROLLER MILL, ROTO SEIVE, DUMP STATIONS, VIBRATING TABLE, GREAT WESTERN ROTATING SCREEN, AIR TABLE, AND TWO POWDER CONSOLIDATION UNITS (BAGHOUSE UNITS) ALL SERVED BY A 22,000 CFM SAUNCO MODEL 12SFLB-144 BAGHOUSE DUST COLLECTOR (SHARED WITH UNIT -2) AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -2, -10, -11) AND A SCANMASTER SATAKE COLOR SORTER

## 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. Visible emissions from each baghouse serving the mill room shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Each baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Each baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from each baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The Saunco baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 9 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The Donaldson baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 10 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Differential operating pressure of each baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Each baghouse shall achieve a PM10 control efficiency of at least 99%, on an individual baghouse basis. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Emissions from the vegetable milling room shall not exceed 0.052 lb-PM10/ton of material processed. [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 daily material processed shall not exceed 150 tons/day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual material processed shall not exceed 23,255 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable milling room. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of all maintenance of the baghouses, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-2-11

**EXPIRATION DATE:** 07/31/2020

## **EQUIPMENT DESCRIPTION:**

VEGETABLE MILLING OPERATION (MILL ROOM #2 & 3) CONSISTING OF MTMA SEPARATORS, MVSB SEPARATORS, SWECO SEPARATORS, UNIFLOW SEPARATORS, PRECISION SIZER SEPARATORS, GREAT WESTERN ROTATING SCREEN SEPARATORS, HAMMER MILLS, CAGE MILLS, DESTONERS, DRAG CHAIN CONVEYORS, VIBRATING TABLES, BUCKET ELEVATORS, BELT CONVEYORS, SCAN MASTER SATAKE COLOR SORTERS, CYCLONE SEPARATORS, SCREW CONVEYORS, ALL SERVED BY A 22,000 CFM SAUNCO MODEL SJB12-144-2880 BAGHOUSE AND 22,000 CFM SAUNCO MODEL 12SFLB-144 BAGHOUSE (SHARED WITH UNIT -1); TWO PRESSURE FANS, VIBRATORY DRUM FILLING STATIONS, TOTE/SUPERSACK FILLING STATIONS, CABLEVEY TRANSPORT LINES, AIRLOCKS, AND FANS, ALL SERVED BY SAUNCO MODEL SJB12-144-2880 BAGHOUSE; AND POWDER RESCREENER, POWDER/GRANULATED GREAT WESTERN ROTATING SCREEN SEPARATORS, BAUERMEISTER POWDER MILLS, FITZ MILLS, ROLLER MILLS, DRUM DUMPER, P1 BIN, P2/P3 BIN, P4 BIN, HOLDING/SURGE BINS, COOL DOWN BINS, BATCH BLENDERS, PACKOUT INFEED RESCREENERS, INFEED CONVEYORS, SCREW CONVEYORS, SURGE HOPPERS, AUGER PACKER, CYCLONE SEPARATORS, AIRLOCKS, AND FANS, ALL SERVED BY A 11,689 CFM AIRLANCO MODEL 144AVS12 BAGHOUSE AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -10, -11)

## **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. Visible emissions from each baghouse shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rules 2201 and 4101] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. Each 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 Part 64] Federally Enforceable Through Title V Permit
5. Each Saunco baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 9 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. The Airlanco baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 10 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. Each baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Each baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Material removed from each baghouse 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.

10. Replacement bags for each baghouse numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Each baghouse shall achieve a PM10 control efficiency of at least 99%, on an individual baghouse basis. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Emissions from the vegetable milling room shall not exceed 0.052 lb-PM10 per ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Emissions from the powder consolidation system shall not exceed 0.0024 lb-PM10 per ton of powder processed. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Emissions from the packing system shall not exceed 0.052 lb-PM10 per ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The daily throughput (weight of material processed) of Mill Room #2 & 3 overall shall not exceed 225 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The annual throughput (weight of material processed) of Mill Room #2 & 3 overall shall not exceed 36,000 tons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Permittee shall maintain daily and annual records of the total weight of material processed in Mill Room #2 & 3. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Differential operating pressure of each baghouse shall be monitored and recorded on each day that the specific baghouse operates. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
19. Records of all maintenance of each baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
21. Visible emissions from the baghouses serving the milling room and packing system shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once during each day that the milling room and packing system are operated. Records of visible emissions evaluations shall be maintained. [40 CFR Part 64] Federally Enforceable Through Title V Permit
22. If visible emissions from the baghouses serving the milling room and packing system are observed, the permittee shall investigate the cause of visible emissions and take corrective action to minimize emissions and prevent recurrence of emissions as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
23. During each day of operation, the permittee shall record the pressure drops of the baghouses serving the milling room and packing system, and compare the readings to the acceptable ranges. Upon detecting any excursion from the acceptable pressure drop ranges, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
24. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
25. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
26. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-5-6

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

VEGETABLE PACKAGING OPERATION CONSISTING OF PRODUCT DUMP STATIONS, TWO VIBRATING CONVEYORS, TWO SCREW CONVEYORS, AND A SATAKE MODEL RNEZX-4500 COLOR SORTER ALL SERVED BY A 19,200 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE, AND A TAYLOR MODEL IBC 3000 BULK BAG/TOTE/DRUM FILLER AND ASSOCIATED BELT & ROLLER CONVEYORS

## 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. Visible emissions from the baghouse serving the blending and packaging room shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 9 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
10. Emissions from the blending and packaging room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The combined daily material processed by units -5 and -6 shall not exceed 175 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The combined annual material processed by units -5 and -6 shall not exceed 51,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Permittee shall maintain daily and annual records of the amount of material processed in the blending and packaging room. [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. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
15. 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 1070] Federally Enforceable Through Title V Permit
16. Visible emissions from the baghouse shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once during each day that packaging operations are conducted. Records of visible emissions evaluations shall be maintained. [40 CFR Part 64] Federally Enforceable Through Title V Permit
17. If visible emissions from the baghouse are observed, the permittee shall investigate the cause of visible emissions and take corrective action to minimize emissions and prevent recurrence of emissions as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
18. During each day of operation, the permittee shall record the pressure drop of the baghouse, and compare the readings to the acceptable range. Upon detecting any excursion from the acceptable pressure drop range, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
19. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
20. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
21. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit

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

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-6-5

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

BLENDING AND PACKAGING OPERATION (EAST WAREHOUSE 5) CONSISTING OF A MUNSON CONTINUOUS MIXER, VIBRATING TABLE, ASSOCIATED AUGERS AND ROTEX SIFTER ALL SERVED BY A 7,200 CFM SAUNCO MODEL 8-SFLB-81 BAGHOUSE (SHARED WITH UNIT -18)

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouse serving the blending and packaging room shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 1.0 inches water column and a maximum differential pressure of 8.0 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
9. Differential operating pressure of the baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
10. Emissions from the blending and packaging room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The combined daily material processed by units -5 and -6 shall not exceed 175 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The combined annual material processed by units -5 and -6 shall not exceed 51,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Permittee shall maintain daily and annual records of the amount of material processed in the blending and packaging room. [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. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
15. 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 1070] Federally Enforceable Through Title V Permit
16. Visible emissions from the baghouse shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once during each day that blending and packaging operations are conducted. Records of visible emissions evaluations shall be maintained. [40 CFR Part 64] Federally Enforceable Through Title V Permit
17. If visible emissions from the baghouse are observed, the permittee shall investigate the cause of visible emissions and take corrective action to minimize emissions and prevent recurrence of emissions as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
18. During each day of operation, the permittee shall record the pressure drop of the baghouse, and compare the readings to the acceptable range. Upon detecting any excursion from the acceptable pressure drop range, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
19. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
20. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
21. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit

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

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-8-3

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

AGGLOMERATION OPERATION WITH ONE AGGLOMERATOR ROOM CONSISTING OF TWO GLATT PRODUCT AGGLOMERATORS AND ONE AGG SIFTER ROOM CONSISTING OF TWO HOPPERS, TWO GYRO WHIP SIFTERS, TWO BUCKET ELEVATORS, TWO FRITZ MILLS, AND ONE DUMPER STATION SERVED BY A SENECA MODEL 35-1M-8 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. Emissions from the agglomerator room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Emissions from the AGG sifter room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Maximum product processing rates from the agglomerator room shall not exceed 25 ton/day or 5,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Maximum product processing rates from the AGG sifter room shall not exceed 25 ton/day or 5,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 6 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Permittee shall maintain daily and annual records of the amount of material processed in each of the agglomerator and AGG sifter rooms. [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 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 1070] Federally Enforceable Through Title V Permit

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

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-9-6

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

BULK PRODUCT UNLOADING CONSISTING OF ONE ROLLER TABLE AND ASSOCIATED CONVEYORS ALL SERVED BY A 20,700 CFM WILKEY MODEL #144BL144 BAGHOUSE DUST COLLECTOR, AND AN ADDITIONAL BACKUP DUMP STATION

## PERMIT UNIT REQUIREMENTS

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1. Visible emissions from the baghouse serving the bulk product unloading operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rules 2201 and 4101] Federally Enforceable Through Title V Permit
2. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall operate at all times with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 8.0 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Emissions from the bulk product unloading operation shall not exceed 0.0005 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Maximum product processing rates shall not exceed 800 ton/day and 155,000 ton/year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Permittee shall maintain daily and annual records of the amount of material processed in the bulk product unloading operation. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
13. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-10-16

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE A) WITH MAXON MODEL SERIES A NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -2, -11)

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The Donaldson baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 10 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure of the baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The baghouse shall achieve a PM10 control efficiency of at least 99%, on an individual baghouse basis. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4309 and 4801] Federally Enforceable Through Title V Permit
12. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
13. The combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NOx/year, 1,796 lb-SOx/year, 8,770 lb-PM10/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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



14. The combined daily material processed by units -10, -11, and -13 shall not exceed 375 ton/day of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The combined annual material processed by units -10, -11, and -13 shall not exceed 59,255 tons/year of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
16. PM10 emissions from the handling of dehydrated material not exceed 0.0005 lb-PM10/ton material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.06 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.014 lb-PM10/MMBtu, 20.68 ppmvd CO @ 19% O<sub>2</sub> or 0.144 lb-CO/MMBtu, or 0.011 lb-VOC/MMBtu. [District Rules 2201, 4301 and 4309] Federally Enforceable Through Title V Permit
18. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
19. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
20. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC quality natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
21. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration lines. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM10, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
25. 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:** C-7748-11-16

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE B) WITH MAXON MODEL SERIES A NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -2, -10)

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The Donaldson baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 10 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure of the baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The baghouse shall achieve a PM10 control efficiency of at least 99%, on an individual baghouse basis. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4309 and 4801] Federally Enforceable Through Title V Permit
12. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
13. The combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NOx/year, 1,796 lb-SOx/year, 8,770 lb-PM10/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The combined daily material processed by units -10, -11, and -13 shall not exceed 375 ton/day of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The combined annual material processed by units -10, -11, and -13 shall not exceed 59,255 tons/year of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
16. PM10 emissions from the handling of dehydrated material not exceed 0.0005 lb-PM10/ton material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.06 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.014 lb-PM10/MMBtu, 20.68 ppmvd CO @ 19% O<sub>2</sub> or 0.144 lb-CO/MMBtu, or 0.011 lb-VOC/MMBtu. [District Rules 2201, 4301 and 4309] Federally Enforceable Through Title V Permit
18. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
19. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
20. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC quality natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
21. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration lines. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM10, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
25. 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:** C-7748-12-3

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

VEGETABLE DEHYDRATION OPERATION (LINE C) WITH STEAM PROVIDED FROM UNIT -14 AND SERVED BY A 12,000 CFM SAUNCO MODEL 10-SIFT-100 BAGHOUSE DUST COLLECTOR WITH PRE-DEHYDRATION EQUIPMENT AND POST-DEHYDRATION EQUIPMENT (ASPIRATORS & NIPPLE SEPARATORS)

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouse serving the vegetable dehydration line shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 7 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Emissions from the vegetable dehydration line shall not exceed 0.0005 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Maximum product processing rates shall not exceed 90 ton/day and 7,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
14. 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 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-13-14

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

69 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE D) WITH TWO 20 MMBTU/HR MAXON MODEL NP1, THREE 8 MMBTU/HR MAXON MODEL NP1, AND ONE 5 MMBTU/HR NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND ASSOCIATED ONION SLICER EQUIPMENT

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4309, and 4801] Federally Enforceable Through Title V Permit
4. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
5. The combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NOx/year, 1,796 lb-SOx/year, 8,770 lb-PM10/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
6. The combined daily material processed by units -10, -11, and -13 shall not exceed 375 ton/day of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The combined annual material processed by units -10, -11, and -13 shall not exceed 59,255 tons/year of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emissions from the handling of dehydrated material not exceed 0.005 lb-PM10/ton material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NOx @ 19% O2 or 0.06 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.014 lb-PM10/MMBtu, 20.68 ppmvd CO @ 19% O2 or 0.144 lb-CO/MMBtu, or 0.011 lb-VOC/MMBtu. [District Rules 2201, 4301, and 4309] Federally Enforceable Through Title V Permit
10. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
11. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
12. Permittee shall maintain records, which demonstrates the dehydrator is fired exclusively on PUC quality natural gas. [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.

13. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration lines. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain records of the combined annual NOx, SOx, PM10, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District 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:** C-7748-14-12

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

29.4 MMBTU/HR CLEAVER BROOKS MODEL CBI 700 NATURAL GAS-FIRED BOILER WITH A CLEAVER BROOKS MODEL CBEX700-800 LNO ULTRA LOW NOX BURNER AND O2 TRIM SYSTEM

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4320, and 4801] Federally Enforceable Through Title V Permit
3. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted in the unit shall be installed, utilized and maintained. [District Rule 2201 and 40 CFR 60.48c(g)] Federally Enforceable Through Title V Permit
4. Emissions rates from the natural gas-fired unit shall not exceed any of the following limits: 7 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.008 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.003 lb-PM<sub>10</sub>/MMBtu, 81.2 ppmv CO @ 3% O<sub>2</sub> or 0.06 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4301, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
5. Source testing to measure NO<sub>x</sub> 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, 4306, and 4320] Federally Enforceable Through Title V Permit
6. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
7. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
8. 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
9. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
10. NO<sub>x</sub> emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

11. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
12. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
13. Fuel sulfur content shall be determined using EPA Method 11 or Method 15. [District Rule 4320] Federally Enforceable Through Title V Permit
14. 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
15. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> 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 it has been performed within the last month. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
16. If either the NO<sub>x</sub> or CO concentrations corrected to 3% O<sub>2</sub>, 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, 4306, and 4320] Federally Enforceable Through Title V Permit
17. 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, 4306, and 4320] Federally Enforceable Through Title V Permit
18. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320] Federally Enforceable Through Title V Permit
19. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 3% O<sub>2</sub>, (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, 4306, and 4320] Federally Enforceable Through Title V Permit
20. Permittee shall maintain daily records of the type and quantity of fuel combusted by the boiler. [District Rules 2201 and 40 CFR 60.48c(g)] Federally Enforceable Through Title V Permit
21. 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, 4306, and 4320, and 40 CFR 60.48c(i)] Federally Enforceable Through Title V Permit

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-16-13

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

1,877 BHP DEUTZ MODEL TBG620V16 NATURAL GAS-FIRED IC ENGINE EQUIPPED WITH A MIRATECH SCR SYSTEM, POWERING A 1350 KW ELECTRIC GENERATOR

## PERMIT UNIT REQUIREMENTS

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1. The PG&E utility meter shall not exceed a reading of 434,756 MCF. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Permittee shall submit written notification to the District upon designating the unit as dormant or active. [District Rule 2080] Federally Enforceable Through Title V Permit
3. While dormant, normal source testing shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
4. Upon recommencing operation of this unit, normal source testing shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
5. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080] Federally Enforceable Through Title V Permit
6. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
8. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The permittee shall install and operate a nonresettable fuel meter and a nonresettable elapsed operating time meter. In lieu of installing a nonresettable fuel meter, the owner or operator may use a non-resettable elapsed operating time meter in conjunction with the engine manufacturer's maximum rated fuel consumption to determine annual fuel usage. [District Rule 4702] Federally Enforceable Through Title V Permit
10. The natural gas usage in the IC engine shall not exceed 68.72 MMscf/year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Emissions from this IC engine shall not exceed any of the following limits: 5 ppmvd NO<sub>x</sub> @ 15% O<sub>2</sub> (equivalent to 0.06 g-NO<sub>x</sub>/hp-hr), 0.011 g-SO<sub>x</sub>/hp-hr, 0.02 g-PM<sub>10</sub>/hp-hr, 71 ppmvd CO @ 15% O<sub>2</sub> (equivalent to 0.6 g-CO/hp-hr), or 25 ppmvd VOC @ 15% O<sub>2</sub> (equivalent to 0.15 g-VOC/hp-hr). [District Rules 2201 and 4702; and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
12. The ammonia (NH<sub>3</sub>) emissions shall not exceed 10 ppmvd @ 15% O<sub>2</sub>. [District Rules 2201 and 4102] 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 combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NO<sub>x</sub>/year, 1,796 lb-SO<sub>x</sub>/year, 8,770 lb-PM<sub>10</sub>/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
14. NO<sub>x</sub>, CO, VOC, and NH<sub>3</sub> emissions shall be measured (source tested) not less than once every 12 months. [District Rules 2201 and 4702] Federally Enforceable Through Title V Permit
15. Emissions source testing shall be conducted with the engine operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. [District Rule 4702] Federally Enforceable Through Title V Permit
16. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit, the test cannot be used to demonstrate compliance with an applicable limit. VOC emissions shall be reported as methane. VOC, NO<sub>x</sub>, and CO concentrations shall be reported in ppmv, corrected to 15% oxygen. [District Rule 4702] Federally Enforceable Through Title V Permit
17. The following test methods shall be used for testing other than start-up testing: NO<sub>x</sub> (ppmv) - EPA Method 7E or ARB Method 100, CO (ppmv) - EPA Method 10 or ARB Method 100, VOC (ppmv) - EPA Method 25A or 25B, or ARB Method 100, stack gas oxygen - EPA Method 3 or 3A or ARB Method 100, and ammonia - BAAQMD ST-1B. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit. [District Rules 1081 and 4702] Federally Enforceable Through Title V Permit
18. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
19. 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
20. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, O<sub>2</sub>, and NH<sub>3</sub> at least once every month (in which a source test is not performed). NO<sub>x</sub>, CO, and O<sub>2</sub> concentrations shall be performed using a portable emission monitor that meets District specifications. NH<sub>3</sub> monitoring shall be conducted utilizing District approved gas-detection tubes or a District approved equivalent method. Monitoring shall not be required if the engine is not in operation, i.e. the engine need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the engine unless monitoring has been performed within the last month. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 4102 and 4702] Federally Enforceable Through Title V Permit
21. If the NO<sub>x</sub> or CO concentrations corrected to 15% O<sub>2</sub>, as measured by the portable analyzer, or the NH<sub>3</sub> concentrations corrected to 15% O<sub>2</sub>, as measured by District approved gas-detection tubes, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 8 hours 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 4102 and 4702] Federally Enforceable Through Title V Permit
22. 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 4702] 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.

23. This engine shall be operated and maintained in proper operating condition per the manufacturer's requirements as specified on the Inspection and Monitoring (I&M) plan submitted to the District. [District Rule 4702] Federally Enforceable Through Title V Permit
24. The permittee shall update the I&M plan for this engine prior to any planned change in operation. The permittee must notify the District no later than seven days after changing the I&M plan and must submit an updated I&M plan to the APCO for approval no later than 14 days after the change. The date and time of the change to the I&M plan shall be recorded in the engine's operating log. For modifications, the revised I&M plan shall be submitted to and approved by the APCO prior to issuance of the Permit to Operate. The permittee may request a change to the I&M plan at any time. [District Rule 4702] Federally Enforceable Through Title V Permit
25. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, O<sub>2</sub> and NH<sub>3</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub>, CO, and NH<sub>3</sub> concentrations corrected to 15% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4102 and 4702] Federally Enforceable Through Title V Permit
26. The permittee shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type and quantity (cubic feet of gas or gallons of liquid) of fuel used, maintenance or modifications performed, monitoring data, compliance source test results, and any other information necessary to demonstrate compliance. [District Rule 4702] Federally Enforceable Through Title V Permit
27. Permittee shall maintain annual records, updated monthly, of the natural gas usage. [District Rule 2201] Federally Enforceable Through Title V Permit
28. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
29. 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 4702] 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:** C-7748-17-2

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

KNIFE SHARPENING OPERATION CONSISTING OF SIX (6) KNIFE SHARPENING MACHINES ALL SERVED BY A SAUNCO MODEL SFSB 6-25-245 BAGHOUSE

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouse serving the blending and packaging room shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. A spare set of bags shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 1 inches water column and a maximum differential pressure of 8 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Emissions from the baghouse shall not exceed 0.000091 lb-PM10/knife sharpened. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The permittee shall not sharpen more than 576 knives in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain daily records of the number of knives sharpened through this operation. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
14. 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 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-18-4

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

FLAKE BLENDING OPERATION CONSISTING OF A BICONIC BLENDER WITH DRUM DUMPER AND TAKE-AWAY CONVEYOR ALL SERVED BY A 7,200 CFM SAUNCO MODEL 8-SFLB-81 BAGHOUSE (SHARED WITH UNIT -6)

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouse serving the blending operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 8.0 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Emissions from the blending and packaging room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily material processed shall not exceed 35 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain daily records of the amount of material processed in the blending operation. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
14. 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 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-21-3

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

DRY VEGETABLE PROCESSING OPERATION SERVED BY FOUR BAGHOUSES CONSISTING OF: ONE BRUSH REEL, PNEUMATIC CONVEYING SYSTEM TO A C4VA SEPARATOR SERVED BY MAC 36FRB7 BAGHOUSE, SIX ACCRODENT ROTARY SEPARATORS VENTED TO A SAUNCO 10-SIFT-100 BAGHOUSE, SIX OLIVER GRAVITY SEPARATORS VENTED TO A CYCLONE AND BUHLER ASFB BAGHOUSE, GRANULE PACKAGING LINE VENTED TO THE SAUNCO BAGHOUSE AND A MAC 36AVR-STY3 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. Visible emissions from the baghouses serving the vegetable milling operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouses shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouses cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from each baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in each baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauges 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
8. The Saunco 10-SIFT-100 baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 9 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The MAC 36FRB7 baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 9 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The Buhler ASFB baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 9 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The MAC 36VR7-STY3 baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 9 inches water column. [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.

12. Each differential operating pressure range shall be monitored and recorded on each day that the baghouses operate. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Emissions from the milling operation shall not exceed 0.012 lb-PM10/ton of material processed per baghouse. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Maximum product processed rates shall not exceed either of the following limits: 30 ton/day or 8,250 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable milling operation. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of all maintenance of the baghouses, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-22-4

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

42.15 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE E) WITH THREE 9 MMBTU/HR MAXON MODEL NP-LE, ONE 6.9 MMBTU/HR MAXON MODEL NP-LE AND THREE 2.75 MMBTU/HR MAXON MODEL NP-LE NATURAL GAS-FIRED BURNERS

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4309, and 4801] Federally Enforceable Through Title V Permit
4. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
5. The combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NOx/year, 1,796 lb-SOx/year, 8,770 lb-PM10/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
6. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NOx @ 19% O2 or 0.06 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.014 lb-PM10/MMBtu, 20.68 ppmvd CO @ 19% O2 or 0.144 lb-CO/MMBtu, or 0.011 lb-VOC/MMBtu. [District Rules 2201, 4301, and 4309] Federally Enforceable Through Title V Permit
7. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
8. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
9. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC quality natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
10. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration lines. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Permittee shall maintain records of the combined annual NOx, SOx, PM10, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [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.



12. 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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# ATTACHMENT B

Previous Title V Operating Permit

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# San Joaquin Valley Air Pollution Control District

**FACILITY:** C-7748-0-1

**EXPIRATION DATE:** 07/31/2020

## FACILITY-WIDE REQUIREMENTS

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1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.8.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: OLAM SPICES

Location: 47641 W NEES AVE, FIREBAUGH, CA 93622

C-7748-0-1 : Aug 19 2021 12:09PM -- AHMADS

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

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

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

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

36. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
37. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
38. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
39. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), and Rule 202 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601 (12/17/09); 8021 (8/19/2004); 8031 (8/19/2004); 8041 (8/19/2004); 8051 (8/19/2004); 8061 (8/19/2004); and 8071 (9/16/2004). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
42. On August 31, 2015, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin September 1 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

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-1-6

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

VEGETABLE MILLING OPERATION (MILL ROOM #1) CONSISTING OF A SWECO SEPARATORS, HAMMER MILL, POWDER MILL, ROLLER MILL, ROTO SEIVE, DUMP STATIONS, VIBRATING TABLE, GREAT WESTERN ROTATING SCREEN, AIR TABLE, AND TWO POWDER CONSOLIDATION UNITS (BAGHOUSE UNITS) ALL SERVED BY A 22,000 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE DUST COLLECTOR (SHARED WITH UNIT -2) AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -2, -10, -11) AND A SCANMASTER SATAKE COLOR SORTER

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from each baghouse serving the mill room shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Each baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Each baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from each baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The Saunco baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 9 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The Donaldson baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 10 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Differential operating pressure of each baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Each baghouse shall achieve a PM10 control efficiency of at least 99%, on an individual baghouse basis. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Emissions from the vegetable milling room shall not exceed 0.052 lb-PM10/ton of material processed. [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 daily material processed shall not exceed 150 tons/day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The annual material processed shall not exceed 23,255 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable milling room. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-2-9

**EXPIRATION DATE:** 07/31/2020

## **EQUIPMENT DESCRIPTION:**

VEGETABLE MILLING OPERATION (MILL ROOM #2 & 3) CONSISTING OF MTMA SEPARATORS, MVSB SEPARATORS, SWECO SEPARATORS, UNIFLOW SEPARATORS, PRECISION SIZER SEPARATORS, GREAT WESTERN ROTATING SCREEN SEPARATORS, HAMMER MILLS, CAGE MILLS, DESTONERS, DRAG CHAIN CONVEYORS, VIBRATING TABLES, BUCKET ELEVATORS, BELT CONVEYORS, SCAN MASTER SATAKE COLOR SORTERS, CYCLONE SEPARATORS, SCREW CONVEYORS, ALL SERVED BY A 22,000 CFM SAUNCO MODEL SJB12-144-2880 BAGHOUSE AND 22,000 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE (SHARED WITH UNIT -1); TWO PRESSURE FANS, VIBRATORY DRUM FILLING STATIONS, TOTE/SUPERSACK FILLING STATIONS, CABLEVEY TRANSPORT LINES, AIRLOCKS, AND FANS, ALL SERVED BY SAUNCO MODEL SJB12-144-2880 BAGHOUSE; AND POWDER RESCREENER, POWDER/GRANULATED GREAT WESTERN ROTATING SCREEN SEPARATORS, BAUERMEISTER POWDER MILLS, FITZ MILLS, ROLLER MILLS, DRUM DUMPER, P1 BIN, P2/P3 BIN, P4 BIN, HOLDING/SURGE BINS, COOL DOWN BINS, BATCH BLENDERS, PACKOUT INFEED RESCREENERS, INFEED CONVEYORS, SCREW CONVEYORS, SURGE HOPPERS, AUGER PACKER, CYCLONE SEPARATORS, AIRLOCKS, AND FANS, ALL SERVED BY A 11,689 CFM AIRLANCO MODEL 144AVS12 BAGHOUSE AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -10, -11)

## **PERMIT UNIT REQUIREMENTS**

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from each baghouse shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rules 2201 and 4101] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. Each 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 Part 64] Federally Enforceable Through Title V Permit
5. Each Saunco baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 9 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. The Airlanco baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 10 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. Each baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Each baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Material removed from each baghouse 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.

10. Replacement bags for each baghouse numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Each baghouse shall achieve a PM10 control efficiency of at least 99%, on an individual baghouse basis. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Emissions from the vegetable milling room shall not exceed 0.052 lb-PM10 per ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Emissions from the powder consolidation system shall not exceed 0.0024 lb-PM10 per ton of powder processed. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Emissions from the packing system shall not exceed 0.052 lb-PM10 per ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The daily throughput (weight of material processed) of Mill Room #2 & 3 overall shall not exceed 225 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
16. The annual throughput (weight of material processed) of Mill Room #2 & 3 overall shall not exceed 36,000 tons per year. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Permittee shall maintain daily and annual records of the total weight of material processed in Mill Room #2 & 3. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Differential operating pressure of each baghouse shall be monitored and recorded on each day that the specific baghouse operates. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
19. Records of all maintenance of each baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
20. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
21. Visible emissions from the baghouses serving the milling room and packing system shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once during each day that the milling room and packing system are operated. Records of visible emissions evaluations shall be maintained. [40 CFR Part 64] Federally Enforceable Through Title V Permit
22. If visible emissions from the baghouses serving the milling room and packing system are observed, the permittee shall investigate the cause of visible emissions and take corrective action to minimize emissions and prevent recurrence of emissions as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
23. During each day of operation, the permittee shall record the pressure drops of the baghouses serving the milling room and packing system, and compare the readings to the acceptable ranges. Upon detecting any excursion from the acceptable pressure drop ranges, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
24. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR Part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
25. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR Part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
26. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR Part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-5-3

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

VEGETABLE PACKAGING OPERATION CONSISTING OF, PRODUCT DUMP STATIONS, TWO VIBRATING CONVEYORS, AND TWO SCREW CONVEYORS ALL SERVED BY A 19,200 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE DUST COLLECTOR, AND A TAYLOR MODEL IBC 3000 BULK BAG/TOTE/DRUM FILLER AND ASSOCIATED BELT & ROLLER CONVEYORS

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouse serving the blending and packaging room shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 9 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
10. Emissions from the blending and packaging room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The combined daily material processed by units -5 and -6 shall not exceed 175 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The combined annual material processed by units -5 and -6 shall not exceed 51,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Permittee shall maintain daily and annual records of the amount of material processed in the blending and packaging room. [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. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
15. 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 1070] Federally Enforceable Through Title V Permit
16. Visible emissions from the baghouse shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once during each day that packaging operations are conducted. Records of visible emissions evaluations shall be maintained. [40 CFR Part 64] Federally Enforceable Through Title V Permit
17. If visible emissions from the baghouse are observed, the permittee shall investigate the cause of visible emissions and take corrective action to minimize emissions and prevent recurrence of emissions as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
18. During each day of operation, the permittee shall record the pressure drop of the baghouse, and compare the readings to the acceptable range. Upon detecting any excursion from the acceptable pressure drop range, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
19. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
20. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
21. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-6-4

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

BLENDING AND PACKAGING OPERATION (EAST WAREHOUSE 5) CONSISTING OF A MUNSON CONTINUOUS MIXER, VIBRATING TABLE, ASSOCIATED AUGERS AND ROTEX SIFTER ALL SERVED BY A 7,200 CFM SAUNCO MODEL 8-SFLB-81 BAGHOUSE (SHARED WITH UNIT -18)

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouse serving the blending and packaging room shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 1.0 inches water column and a maximum differential pressure of 8.0 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure of the baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
10. Emissions from the blending and packaging room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The combined daily material processed by units -5 and -6 shall not exceed 175 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The combined annual material processed by units -5 and -6 shall not exceed 51,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Permittee shall maintain daily and annual records of the amount of material processed in the blending and packaging room. [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. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
15. 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 1070] Federally Enforceable Through Title V Permit
16. Visible emissions from the baghouse shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once during each day that blending and packaging operations are conducted. Records of visible emissions evaluations shall be maintained. [40 CFR Part 64] Federally Enforceable Through Title V Permit
17. If visible emissions from the baghouse are observed, the permittee shall investigate the cause of visible emissions and take corrective action to minimize emissions and prevent recurrence of emissions as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
18. During each day of operation, the permittee shall record the pressure drop of the baghouse, and compare the readings to the acceptable range. Upon detecting any excursion from the acceptable pressure drop range, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
19. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
20. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
21. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-8-2

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

AGGLOMERATION OPERATION WITH ONE AGGLOMERATOR ROOM CONSISTING OF TWO GLATT PRODUCT AGGLOMERATORS AND ONE AGG SIFTER ROOM CONSISTING OF TWO HOPPERS, TWO GYRO WHIP SIFTERS, TWO BUCKET ELEVATORS, TWO FRITZ MILLS, AND ONE DUMPER STATION SERVED BY A SENECA MODEL 35-1M-8 BAGHOUSE

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Emissions from the agglomerator room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Emissions from the AGG sifter room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Maximum product processing rates from the agglomerator room shall not exceed 25 ton/day or 5,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Maximum product processing rates from the AGG sifter room shall not exceed 25 ton/day or 5,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 6 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Permittee shall maintain daily and annual records of the amount of material processed in each of the agglomerator and AGG sifter rooms. [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 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 1070] Federally Enforceable Through Title V Permit

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-9-5

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

BULK PRODUCT UNLOADING CONSISTING OF ONE ROLLER TABLE AND ASSOCIATED CONVEYORS ALL SERVED BY A 20,700 CFM WILKEY MODEL #144BL144 BAGHOUSE DUST COLLECTOR, AND AN ADDITIONAL BACKUP DUMP STATION

## PERMIT UNIT REQUIREMENTS

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1. Visible emissions from the baghouse serving the bulk product unloading operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rules 2201 and 4101] Federally Enforceable Through Title V Permit
2. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall operate at all times with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 8.0 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Emissions from the bulk product unloading operation shall not exceed 0.0005 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Maximum product processing rates shall not exceed 800 ton/day and 155,000 ton/year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Permittee shall maintain daily and annual records of the amount of material processed in the bulk product unloading operation. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
13. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-10-14

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE A) WITH MAXON MODEL SERIES A NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -2, -11)

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The Donaldson baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 10 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure of the baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The baghouse shall achieve a PM10 control efficiency of at least 99%, on an individual baghouse basis. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4309 and 4801] Federally Enforceable Through Title V Permit
12. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
13. The combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NOx/year, 1,796 lb-SOx/year, 8,770 lb-PM10/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The combined daily material processed by units -10, -11, and -13 shall not exceed 375 ton/day of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The combined annual material processed by units -10, -11, and -13 shall not exceed 59,255 tons/year of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
16. PM10 emissions from the handling of dehydrated material not exceed 0.0005 lb-PM10/ton material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.06 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.014 lb-PM10/MMBtu, 20.68 ppmvd CO @ 19% O<sub>2</sub> or 0.144 lb-CO/MMBtu, or 0.011 lb-VOC/MMBtu. [District Rules 2201, 4301 and 4309] Federally Enforceable Through Title V Permit
18. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
19. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
20. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC quality natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
21. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration lines. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM10, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
25. 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:** C-7748-11-14

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE B) WITH MAXON MODEL SERIES A NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -2, -10)

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The Donaldson baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 10 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure of the baghouse shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The baghouse shall achieve a PM10 control efficiency of at least 99%, on an individual baghouse basis. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4309 and 4801] Federally Enforceable Through Title V Permit
12. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
13. The combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NOx/year, 1,796 lb-SOx/year, 8,770 lb-PM10/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

14. The combined daily material processed by units -10, -11, and -13 shall not exceed 375 ton/day of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
15. The combined annual material processed by units -10, -11, and -13 shall not exceed 59,255 tons/year of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
16. PM10 emissions from the handling of dehydrated material not exceed 0.0005 lb-PM10/ton material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NO<sub>x</sub> @ 19% O<sub>2</sub> or 0.06 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.014 lb-PM10/MMBtu, 20.68 ppmvd CO @ 19% O<sub>2</sub> or 0.144 lb-CO/MMBtu, or 0.011 lb-VOC/MMBtu. [District Rules 2201, 4301 and 4309] Federally Enforceable Through Title V Permit
18. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
19. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
20. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC quality natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
21. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration lines. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM10, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
24. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
25. 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:** C-7748-12-1

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

VEGETABLE DEHYDRATION OPERATION (LINE C) WITH STEAM PROVIDED FROM UNIT -14 AND SERVED BY A 12,000 CFM SAUNCO MODEL 10-SIFT-100 BAGHOUSE DUST COLLECTOR WITH PRE-DEHYDRATION EQUIPMENT AND POST-DEHYDRATION EQUIPMENT (ASPIRATORS & NIPPLE SEPARATORS)

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouse serving the vegetable dehydration line shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 7 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Emissions from the vegetable dehydration line shall not exceed 0.0005 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Maximum product processing rates shall not exceed 90 ton/day and 7,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
14. 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 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-13-12

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

69 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE D) WITH TWO 20 MMBTU/HR MAXON MODEL NP1, THREE 8 MMBTU/HR MAXON MODEL NP1, AND ONE 5 MMBTU/HR NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND ASSOCIATED ONION SLICER EQUIPMENT

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4309 and 4801] Federally Enforceable Through Title V Permit
4. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
5. The combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NOx/year, 1,796 lb-SOx/year, 8,770 lb-PM10/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
6. The combined daily material processed by units -10, -11, and -13 shall not exceed 375 ton/day of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The combined annual material processed by units -10, -11, and -13 shall not exceed 59,255 tons/year of dry material exiting the dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
8. PM10 emissions from the handling of dehydrated material not exceed 0.005 lb-PM10/ton material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NOx @ 19% O2 or 0.06 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.014 lb-PM10/MMBtu, 20.68 ppmvd CO @ 19% O2 or 0.144 lb-CO/MMBtu, or 0.011 lb-VOC/MMBtu. [District Rules 2201, 4301 and 4309] Federally Enforceable Through Title V Permit
10. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
11. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
12. Permittee shall maintain records, which demonstrates the dehydrator is fired exclusively on PUC quality natural gas. [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.

13. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable dehydration line. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration lines. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain records of the combined annual NOx, SOx, PM10, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District 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:** C-7748-14-11

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

29.4 MMBTU/HR CLEAVER BROOKS MODEL CBI 700 NATURAL GAS-FIRED BOILER WITH A CLEAVER BROOKS MODEL CBEX700-800 LNO ULTRA LOW NOX BURNER AND O2 TRIM SYSTEM

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. 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]
3. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4320 and 4801] Federally Enforceable Through Title V Permit
4. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted in the unit shall be installed, utilized and maintained. [District Rules 2201 and 40 CFR 60.48c(g)] Federally Enforceable Through Title V Permit
5. Emissions rates from the natural gas-fired unit shall not exceed any of the following limits: 7 ppmv NO<sub>x</sub> @ 3% O<sub>2</sub> or 0.008 lb-NO<sub>x</sub>/MMBtu, 0.00285 lb-SO<sub>x</sub>/MMBtu, 0.003 lb-PM<sub>10</sub>/MMBtu, 81.2 ppmv CO @ 3% O<sub>2</sub> or 0.06 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4301, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
6. Source testing to measure NO<sub>x</sub> 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, 4306, and 4320] Federally Enforceable Through Title V Permit
7. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4306. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
8. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
9. 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
10. The source test plan shall identify which basis (ppmv or lb/MMBtu) will be used to demonstrate compliance. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: OLAM SPICES

Location: 47641 W NEES AVE, FIREBAUGH, CA 93622

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11. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
12. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
13. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
14. Fuel sulfur content shall be determined using EPA Method 11 or Method 15. [District Rule 4320] Federally Enforceable Through Title V Permit
15. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
16. The 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 it has been performed within the last month. [District Rules 2201, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit
17. 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, 4306, and 4320] Federally Enforceable Through Title V Permit
18. 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, 4306, and 4320] Federally Enforceable Through Title V Permit
19. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320] Federally Enforceable Through Title V Permit
20. 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 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, 4306, and 4320] Federally Enforceable Through Title V Permit
21. Permittee shall maintain daily records of the type and quantity of fuel combusted by the boiler. [District Rules 2201 and 40 CFR 60.48c(g)] 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, 4306, and 4320, and 40 CFR 60.48c(i)] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-16-11

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

1877 HP DEUTZ MODEL TBG620V16 NATURAL GAS-FIRED IC ENGINE EQUIPPED WITH A MIRATECH SCR SYSTEM, POWERING A 1350 KW GENERATOR

## PERMIT UNIT REQUIREMENTS

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1. The PG&E utility meter shall not exceed a reading of 434,756 MCF. [District Rule 2080] Federally Enforceable Through Title V Permit
2. Permittee shall submit written notification to the District upon designating the unit as dormant or active. [District Rule 2080] Federally Enforceable Through Title V Permit
3. While dormant, normal source testing shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
4. Upon recommencing operation of this unit, normal source testing shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
5. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080] Federally Enforceable Through Title V Permit
6. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
8. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The permittee shall install and operate a nonresettable fuel meter and a nonresettable elapsed operating time meter. In lieu of installing a nonresettable fuel meter, the owner or operator may use a non-resettable elapsed operating time meter in conjunction with the engine manufacturer's maximum rated fuel consumption to determine annual fuel usage. [District Rule 4702] Federally Enforceable Through Title V Permit
10. The natural gas usage in the IC engine shall not exceed 68.72 MMscf/year. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Emissions from this IC engine shall not exceed any of the following limits: 5 ppmvd NO<sub>x</sub> @ 15% O<sub>2</sub> (equivalent to 0.06 g-NO<sub>x</sub>/hp-hr), 0.011 g-SO<sub>x</sub>/hp-hr, 0.02 g-PM<sub>10</sub>/hp-hr, 71 ppmvd CO @ 15% O<sub>2</sub> (equivalent to 0.6 g-CO/hp-hr), or 25 ppmvd VOC @ 15% O<sub>2</sub> (equivalent to 0.15 g-VOC/hp-hr). [District Rules 2201 and 4702 and 40 CFR 60 Subpart JJJJ] Federally Enforceable Through Title V Permit
12. The ammonia (NH<sub>3</sub>) emissions shall not exceed 10 ppmvd @ 15% O<sub>2</sub>. [District Rules 2201 and 4102] 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.

Facility Name: OLAM SPICES

Location: 47641 W NEES AVE, FIREBAUGH, CA 93622

C-7748-16-11 : Aug 19 2021 12:03PM -- AHMADS

13. The combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NO<sub>x</sub>/year, 1,796 lb-SO<sub>x</sub>/year, 8,770 lb-PM<sub>10</sub>/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
14. NO<sub>x</sub>, CO, VOC, and NH<sub>3</sub> emissions shall be measured (source tested) not less than once every 12 months. [District Rules 2201 and 4702] Federally Enforceable Through Title V Permit
15. Emissions source testing shall be conducted with the engine operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. [District Rule 4702] Federally Enforceable Through Title V Permit
16. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit, the test cannot be used to demonstrate compliance with an applicable limit. VOC emissions shall be reported as methane. VOC, NO<sub>x</sub>, and CO concentrations shall be reported in ppmv, corrected to 15% oxygen. [District Rule 4702] Federally Enforceable Through Title V Permit
17. The following test methods shall be used for testing other than start-up testing: NO<sub>x</sub> (ppmv) - EPA Method 7E or ARB Method 100, CO (ppmv) - EPA Method 10 or ARB Method 100, VOC (ppmv) - EPA Method 25A or 25B, or ARB Method 100, stack gas oxygen - EPA Method 3 or 3A or ARB Method 100, and ammonia - BAAQMD ST-1B. EPA approved alternative test methods as approved by the District may also be used to address the source testing requirements of this permit. [District Rules 1081 and 4702] Federally Enforceable Through Title V Permit
18. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
19. 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
20. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, O<sub>2</sub>, and NH<sub>3</sub> at least once every month (in which a source test is not performed). NO<sub>x</sub>, CO, and O<sub>2</sub> concentrations shall be performed using a portable emission monitor that meets District specifications. NH<sub>3</sub> monitoring shall be conducted utilizing District approved gas-detection tubes or a District approved equivalent method. Monitoring shall not be required if the engine is not in operation, i.e. the engine need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the engine unless monitoring has been performed within the last month. Records must be maintained of the dates of non-operation to validate extended monitoring frequencies. [District Rules 4102 and 4702] Federally Enforceable Through Title V Permit
21. If the NO<sub>x</sub> or CO concentrations corrected to 15% O<sub>2</sub>, as measured by the portable analyzer, or the NH<sub>3</sub> concentrations corrected to 15% O<sub>2</sub>, as measured by District approved gas-detection tubes, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 8 hours 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 4102 and 4702] Federally Enforceable Through Title V Permit
22. 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 4702] 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.

23. This engine shall be operated and maintained in proper operating condition per the manufacturer's requirements as specified on the Inspection and Monitoring (I&M) plan submitted to the District. [District Rule 4702] Federally Enforceable Through Title V Permit
24. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, O<sub>2</sub> and NH<sub>3</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub>, CO, and NH<sub>3</sub> concentrations corrected to 15% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, (5) the method of determining the NH<sub>3</sub> emission concentration, and (6) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rules 4102 and 4702] Federally Enforceable Through Title V Permit
25. The permittee shall maintain an engine operating log to demonstrate compliance. The engine operating log shall include, on a monthly basis, the following information: total hours of operation, type and quantity (cubic feet of gas or gallons of liquid) of fuel used, maintenance or modifications performed, monitoring data, compliance source test results, and any other information necessary to demonstrate compliance. [District Rule 4702] Federally Enforceable Through Title V Permit
26. Permittee shall maintain annual records, updated monthly, of the natural gas usage. [District Rule 2201] Federally Enforceable Through Title V Permit
27. Permittee shall maintain records of the combined annual NO<sub>x</sub>, SO<sub>x</sub>, PM<sub>10</sub>, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [District Rule 2201] Federally Enforceable Through Title V Permit
28. 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 4702] Federally Enforceable Through Title V Permit
29. The permittee shall update the I&M plan for this engine prior to any planned change in operation. The permittee must notify the District no later than seven days after changing the I&M plan and must submit an updated I&M plan to the APCO for approval no later than 14 days after the change. The date and time of the change to the I&M plan shall be recorded in the engine's operating log. For modifications, the revised I&M plan shall be submitted to and approved by the APCO prior to issuance of the Permit to Operate. The permittee may request a change to the I&M plan at any time. [District Rule 4702] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-17-1

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

KNIFE SHARPENING OPERATION CONSISTING OF SIX (6) KNIFE SHARPENING MACHINES ALL SERVED BY A SAUNCO MODEL SFSB 6-25-245 BAGHOUSE

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouse serving the blending and packaging room shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. A spare set of bags shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 1 inches water column and a maximum differential pressure of 8 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Emissions from the dust collector shall not exceed 0.000091 lb-PM10/knife sharpened. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The permittee shall not sharpen more than 576 knives in any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain daily records of the number of knives sharpened through this operation. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
14. 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 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-18-3

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

FLAKE BLENDING OPERATION CONSISTING OF A BICONIC BLENDER WITH DRUM DUMPER AND TAKE-AWAY CONVEYOR ALL SERVED BY A 7,200 CFM SAUNCO MODEL 8-SFLB-81 BAGHOUSE (SHARED WITH UNIT -6)

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouse serving the blending operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouse's cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The baghouse shall operate at all times with a minimum differential pressure of 0.5 inches water column and a maximum differential pressure of 8.0 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Emissions from the blending and packaging room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The daily material processed shall not exceed 35 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall maintain daily records of the amount of material processed in the blending operation. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
14. 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 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-21-2

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

DRY VEGETABLE PROCESSING OPERATION SERVED BY FOUR BAGHOUSES CONSISTING OF: PNEUMATIC CONVEYING SYSTEM; A C4VA SEPARATOR, SIX ACCRODENT ROTARY SEPARATORS VENTED TO A SAUNCO 10-SIFT-100 BAGHOUSE; TWO DRYERS AND ONE BRUSH REELS VENTED TO A MAC 36FRB7 BAGHOUSE; SIX OLIVER GRAVITY SEPARATORS VENTED TO A CYCLONE AND BUHLER ASFB BAGHOUSE; GRANULE PACKAGING LINE VENTED TO A MAC 36AVR-STY3 BAGHOUSE

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the baghouses serving the vegetable milling operation shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The baghouses shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The baghouses cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from each baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement bags numbering at least 10% of the total number of bags in each baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauges 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
8. The Saunco 10-SIFT-100 baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 9 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The MAC 36FRB7 baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 9 inches water column [District Rule 2201] Federally Enforceable Through Title V Permit
10. The Buhler ASFB baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 9 inches water column [District Rule 2201] Federally Enforceable Through Title V Permit
11. The MAC 36VR7-STY3 baghouse shall operate at all times with a minimum differential pressure of 1 inch water column and a maximum differential pressure of 9 inches water column [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.



12. Each differential operating pressure range shall be monitored and recorded on each day that the baghouses operate. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Emissions from the milling operation shall not exceed 0.012 lb-PM10/ton of material processed per baghouse. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Maximum product processed rates shall not exceed either of the following limits: 30 ton/day or 8,250 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain daily and annual records of the amount of material processed in the vegetable milling operation. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** C-7748-22-2

**EXPIRATION DATE:** 07/31/2020

**EQUIPMENT DESCRIPTION:**

42.15 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE E) WITH THREE 9 MMBTU/HR MAXON MODEL NP-LE, ONE 6.9 MMBTU/HR MAXON MODEL NP-LE AND THREE 2.75 MMBTU/HR MAXON MODEL NP-LE NATURAL GAS-FIRED BURNERS

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. The unit shall only be fired on PUC-regulated natural gas. [District Rules 2201, 4309 and 4801] Federally Enforceable Through Title V Permit
4. This dehydrator shall be operated and maintained in proper operating condition as recommended by the dehydrator's manufacturer or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
5. The combined annual emissions from units -10, -11, -13, -16, and -22, during any one rolling 12 month period, shall not exceed any of the following limits: 36,163 lb-NOx/year, 1,796 lb-SOx/year, 8,770 lb-PM10/year, 94,698 lb-CO/year, and 8,580 lb-VOC/year. [District Rules 2201 and 4102] Federally Enforceable Through Title V Permit
6. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 5.25 ppmvd NOx @ 19% O2 or 0.06 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.014 lb-PM10/MMBtu, 20.68 ppmvd CO @ 19% O2 or 0.144 lb-CO/MMBtu, or 0.011 lb-VOC/MMBtu. [District Rules 2201, 4301 and 4309] Federally Enforceable Through Title V Permit
7. A copy of the manufacturer's operation specifications and maintenance instruction manual or APCO-approved alternative procedures shall be maintained on-site during normal business hours. [District Rule 4309] Federally Enforceable Through Title V Permit
8. Permittee shall maintain daily operation and maintenance records that demonstrate the dehydrator is operated within the limits of the manufacturer's specification, and maintenance is performed according to the manufacturer's recommendation or APCO-approved alternative procedures. [District Rule 4309] Federally Enforceable Through Title V Permit
9. Permittee shall maintain records which demonstrate the dehydrator is fired exclusively on PUC quality natural gas. [District Rule 4309] Federally Enforceable Through Title V Permit
10. Permittee shall maintain annual records of the amount of fuel used in the vegetable dehydration lines. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Permittee shall maintain records of the combined annual NOx, SOx, PM10, CO, and VOC emissions of units -10, -11, -13, -16, and -22. These records shall be updated monthly. [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.

12. 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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# ATTACHMENT C

Detailed Summary List of Facility Permits

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**Detailed Facility Report**  
For Facility=7748 and excluding Deleted Permits  
Sorted by Facility Name and Permit Number

<b>OLAM SPICES</b> 47641 W NEES AVE FIREBAUGH, CA 93622	FAC # STATUS: TELEPHONE:	<b>C 7748</b> <b>A</b>	TYPE: TOXIC ID:	<b>TitleV</b> <b>51931</b>	EXPIRE ON: AREA: INSP. DATE:	07/31/2020 1 / 02/22
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PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-7748-1-6	361.5 hp electric motors	3020-01 E	1	495.00	495.00	A	VEGETABLE MILLING OPERATION (MILL ROOM #1) CONSISTING OF A SWECO SEPARATORS, HAMMER MILL, POWDER MILL, ROLLER MILL, ROTO SEIVE, DUMP STATIONS, VIBRATING TABLE, GREAT WESTERN ROTATING SCREEN, AIR TABLE, AND TWO POWDER CONSOLIDATION UNITS (BAGHOUSE UNITS) ALL SERVED BY A 22,000 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE DUST COLLECTOR (SHARED WITH UNIT -2) AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -2, -10, -11) AND A SCANMASTER SATAKE COLOR SORTER
C-7748-2-9	1,382 hp	3020-01 G	1	980.00	980.00	A	VEGETABLE MILLING OPERATION (MILL ROOM #2 & 3) CONSISTING OF MTMA SEPARATORS, MVSF SEPARATORS, SWECO SEPARATORS, UNIFLOW SEPARATORS, PRECISION SIZER SEPARATORS, GREAT WESTERN ROTATING SCREEN SEPARATORS, HAMMER MILLS, CAGE MILLS, DESTONERS, DRAG CHAIN CONVEYORS, VIBRATING TABLES, BUCKET ELEVATORS, BELT CONVEYORS, SCAN MASTER SATAKE COLOR SORTERS, CYCLONE SEPARATORS, SCREW CONVEYORS, ALL SERVED BY A 22,000 CFM SAUNCO MODEL SJB12-144-2880 BAGHOUSE AND 22,000 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE (SHARED WITH UNIT -1); TWO PRESSURE FANS, VIBRATORY DRUM FILLING STATIONS, TOTE/SUPERSACK FILLING STATIONS, CABLEVEY TRANSPORT LINES, AIRLOCKS, AND FANS, ALL SERVED BY SAUNCO MODEL SJB12-144-2880 BAGHOUSE; AND POWDER RESCREENER, POWDER/GRANULATED GREAT WESTERN ROTATING SCREEN SEPARATORS, BAUERMEISTER POWDER MILLS, FITZ MILLS, ROLLER MILLS, DRUM DUMPER, P1 BIN, P2/P3 BIN, P4 BIN, HOLDING/SURGE BINS, COOL DOWN BINS, BATCH BLENDERS, PACKOUT INFEEED RESCREENERS, INFEEED CONVEYORS, SCREW CONVEYORS, SURGE HOPPERS, AUGER PACKER, CYCLONE SEPARATORS, AIRLOCKS, AND FANS, ALL SERVED BY A 11,689 CFM AIRLANCO MODEL 144AVS12 BAGHOUSE AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -10, -11)
C-7748-5-3	113 hp electric motors	3020-01 D	1	379.00	379.00	A	VEGETABLE PACKAGING OPERATION CONSISTING OF, PRODUCT DUMP STATIONS, TWO VIBRATING CONVEYORS, AND TWO SCREW CONVEYORS ALL SERVED BY A 19,200 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE DUST COLLECTOR, AND A TAYLOR MODEL IBC 3000 BULK BAG/TOTE/DRUM FILLER AND ASSOCIATED BELT & ROLLER CONVEYORS
C-7748-6-4	93 hp electric motors	3020-01 C	1	239.00	239.00	A	BLENDED AND PACKAGING OPERATION (EAST WAREHOUSE 5) CONSISTING OF A MUNSON CONTINUOUS MIXER, VIBRATING TABLE, ASSOCIATED AUGERS AND ROTEX SIFTER ALL SERVED BY A 7,200 CFM SAUNCO MODEL 8-SFLB-81 BAGHOUSE (SHARED WITH UNIT -18)
C-7748-7-2	131 hp electric motors	3020-01 D	1	379.00	379.00	A	VEGETABLE ROOM (ACROSS FROM MILLROOM 3) CONSISTING OF A ROTO SIEVE, VIBRATOR TABLE, AND POWDER MILL ALL SERVED BY A 3,000 CFM SAUNCO MODEL 96ABR52 BAGHOUSE DUST COLLECTOR

**Detailed Facility Report**  
For Facility=7748 and excluding Deleted Permits  
Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-7748-8-2	221.5 hp electric motors	3020-01 E	1	495.00	495.00	A	AGGLOMERATION OPERATION WITH ONE AGGLOMERATOR ROOM CONSISTING OF TWO GLATT PRODUCT AGGLOMERATORS AND ONE AGG SIFTER ROOM CONSISTING OF TWO HOPPERS, TWO GYRO WHIP SIFTERS, TWO BUCKET ELEVATORS, TWO FRITZ MILLS, AND ONE DUMPER STATION SERVED BY A SENECA MODEL 35-1M-8 BAGHOUSE
C-7748-9-5	196.5 hp electric motors	3020-01 D	1	379.00	379.00	A	BULK PRODUCT UNLOADING CONSISTING OF ONE ROLLER TABLE AND ASSOCIATED CONVEYORS ALL SERVED BY A 20,700 CFM WILKEY MODEL #144BL144 BAGHOUSE DUST COLLECTOR, AND AN ADDITIONAL BACKUP DUMP STATION
C-7748-10-14	54 MMBtu/hr dehydrator	3020-02 H	1	1,238.00	1,238.00	A	54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE A) WITH MAXON MODEL SERIES A NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -2, -11)
C-7748-11-14	54 MMBtu/hr dehydrator	3020-02 H	1	1,238.00	1,238.00	A	54 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE B) WITH MAXON MODEL SERIES A NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND A 35,000 CFM DONALDSON MODEL 225FS BAGHOUSE DUST COLLECTOR (SHARED WITH UNITS -1, -2, -10)
C-7748-12-1	235.5 hp electric motors	3020-01 E	1	495.00	495.00	A	VEGETABLE DEHYDRATION OPERATION (LINE C) WITH STEAM PROVIDED FROM UNIT -14 AND SERVED BY A 12,000 CFM SAUNCO MODEL 10-SIFT-100 BAGHOUSE DUST COLLECTOR WITH PRE-DEHYDRATION EQUIPMENT AND POST-DEHYDRATION EQUIPMENT (ASPIRATORS & NIPPLE SEPARATORS)
C-7748-13-12	48.5 MMBtu/hr dehydrator	3020-02 H	1	1,238.00	1,238.00	A	69 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE D) WITH TWO 20 MMBTU/HR MAXON MODEL NP1, THREE 8 MMBTU/HR MAXON MODEL NP1, AND ONE 5 MMBTU/HR NATURAL GAS-FIRED BURNERS SERVED BY TWO CYCLONES AND ASSOCIATED ONION SLICER EQUIPMENT
C-7748-14-11	29.4 MMBtu/hr boiler	3020-02 H	1	1,238.00	1,238.00	A	29.4 MMBTU/HR CLEAVER BROOKS MODEL CBI 700 NATURAL GAS-FIRED BOILER WITH A CLEAVER BROOKS MODEL CBEX700-800 LNO ULTRA LOW NOX BURNER AND O2 TRIM SYSTEM
C-7748-16-11	1,350 kW electrical generator	3020-08A C	1	1,840.00	1,840.00	A	1877 HP DEUTZ MODEL TBG620V16 NATURAL GAS-FIRED IC ENGINE EQUIPPED WITH A MIRATECH SCR SYSTEM, POWERING A 1350 KW GENERATOR
C-7748-17-1	19.5 bhp electric motors	3020-01 A	1	107.00	107.00	A	KNIFE SHARPENING OPERATION CONSISTING OF SIX (6) KNIFE SHARPENING MACHINES ALL SERVED BY A SAUNCO MODEL SFSB 6-25-245 BAGHOUSE
C-7748-18-3	8 hp electric motors	3020-01 A	1	107.00	107.00	A	FLAKE BLENDING OPERATION CONSISTING OF A BICONIC BLENDER WITH DRUM DUMPER AND TAKE-AWAY CONVEYOR ALL SERVED BY A 7,200 CFM SAUNCO MODEL 8-SFLB-81 BAGHOUSE (SHARED WITH UNIT -6)

**Detailed Facility Report**  
For Facility=7748 and excluding Deleted Permits  
Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
C-7748-21-2	694.5 electrical hp	3020-01 F	1	731.00	731.00	A	DRY VEGETABLE PROCESSING OPERATION SERVED BY FOUR BAGHOUSES CONSISTING OF: PNEUMATIC CONVEYING SYSTEM; A C4VA SEPARATOR, SIX ACCRODENT ROTARY SEPARATORS VENTED TO A SAUNCO 10-SIFT-100 BAGHOUSE; TWO DRYERS AND ONE BRUSH REELS VENTED TO A MAC 36FRB7 BAGHOUSE; SIX OLIVER GRAVITY SEPARATORS VENTED TO A CYCLONE AND BUHLER ASFB BAGHOUSE; GRANULE PACKAGING LINE VENTED TO A MAC 36AVR-STY3 BAGHOUSE
C-7748-22-2	42.15 MMBtu/hr	3020-02 H	1	1,238.00	1,238.00	A	42.15 MMBTU/HR VEGETABLE DEHYDRATION OPERATION (LINE E) WITH THREE 9 MMBTU/HR MAXON MODEL NP-LE, ONE 6.9 MMBTU/HR MAXON MODEL NP-LE AND THREE 2.75 MMBTU/HR MAXON MODEL NP-LE NATURAL GAS-FIRED BURNERS

Number of Facilities Reported: 1

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# ATTACHMENT D

Authority to Construct C-7748-5-4

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# AUTHORITY TO CONSTRUCT

**PERMIT NO:** C-7748-5-4

**ISSUANCE DATE:** 09/16/2020

**LEGAL OWNER OR OPERATOR:** OLAM SPICES  
**MAILING ADDRESS:** 205 E RIVER PARK CIRCLE, SUITE 310  
FRESNO, CA 93720

**LOCATION:** 47641 W NEES AVE  
FIREBAUGH, CA 93622

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF VEGETABLE PACKAGING OPERATION CONSISTING OF, PRODUCT DUMP STATIONS, TWO VIBRATING CONVEYORS, AND TWO SCREW CONVEYORS ALL SERVED BY A 19,200 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE, AND A TAYLOR MODEL IBC 3000 BULK BAG/TOTE/DRUM FILLER AND ASSOCIATED BELT & ROLLER CONVEYORS: ADD A NEW DUMP STATION, AND A SATAKE MODEL RNEZX-4500 COLOR SORTER SERVED BY THE EXISTING 19,200 CFM SAUNCO MODEL 128FLB-144 BAGHOUSE

## CONDITIONS

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1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] 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. 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. Visible emissions from the baghouse serving the blending and packaging room shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The baghouse shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

**YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT.** This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

C-7748-5-4 : Sep 16 2020 1:46PM -- HOOSHMAM : Joint Inspection NOT Required

7. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
10. The baghouse shall operate at all times with a minimum differential pressure of 2 inches water column and a maximum differential pressure of 9 inches water column. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
11. Differential operating pressure shall be monitored and recorded on each day that the baghouse operates. [District Rule 2201 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
12. Emissions from the blending and packaging room shall not exceed 0.052 lb-PM10/ton of material processed. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The combined daily material processed by units -5 and -6 shall not exceed 175 ton/day. [District Rule 2201] Federally Enforceable Through Title V Permit
14. The combined annual material processed by units -5 and -6 shall not exceed 51,000 tons/year. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Permittee shall maintain daily and annual records of the amount of material processed in the blending and packaging room. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Records of all maintenance of the baghouse, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
17. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
18. Visible emissions from the baghouse shall be evaluated using EPA Method 22 for a period of at least 6 minutes at least once during each day that packaging operations are conducted. Records of visible emissions evaluations shall be maintained. [40 CFR Part 64] Federally Enforceable Through Title V Permit
19. If visible emissions from the baghouse are observed, the permittee shall investigate the cause of visible emissions and take corrective action to minimize emissions and prevent recurrence of emissions as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
20. During each day of operation, the permittee shall record the pressure drop of the baghouse, and compare the readings to the acceptable range. Upon detecting any excursion from the acceptable pressure drop range, the permittee shall investigate the excursion and take corrective action to minimize excessive emissions and prevent recurrence of the excursion as expeditiously as practicable. [40 CFR Part 64] Federally Enforceable Through Title V Permit
21. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR part 64.7. [40 CFR Part 64] Federally Enforceable Through Title V Permit
22. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR part 64.9. [40 CFR Part 64] Federally Enforceable Through Title V Permit
23. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR part 64.8. [40 CFR Part 64] Federally Enforceable Through Title V Permit