



NOV 16 2017

Mr. Mike Perez  
Pactiv LLC  
2024 Norris Rd  
Bakersfield, CA 93308

**Re: Notice of Preliminary Decision – Title V Permit Renewal  
District Facility # S-892  
Project # S-1161596**

Dear Mr. Perez:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Pactiv LLC at 2024 Norris Rd, Bakersfield, California.

The notice of preliminary decision for this project will be published approximately three days from the date of this letter. 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,

Arnaud Marjollet  
Director of Permit Services

Enclosures

cc: Tung Le, CARB (w/enclosure) via email  
cc: Gerardo C. Rios, EPA (w/enclosure) via email

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

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# SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT

Proposed Title V Permit Renewal Evaluation  
Pactiv LLC  
S-892

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**TITLE V PERMIT RENEWAL EVALUATION**  
**Polystyrene Foam Products Manufacturing**

**Engineer:** Vanesa Gonzalez  
**Date:** October 24, 2017

**Facility Number:** S-892  
**Facility Name:** Pactiv LLC  
**Mailing Address:** 2024 Norris Rd  
Bakersfield, CA 93308

**Contact Name:** Mike Perez  
**Phone:** (661) 392-4020

**Responsible Official:** Mike Perez  
**Title:** Plant Manager

**Project # :** S-1161596  
**Deemed Complete:** June 23, 2016

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**I. PROPOSAL**

Pactiv LLC was issued a Title V permit on July 15, 1998. 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 their previous Title V permit renewal on January 6, 2012.

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**

Pactiv LLC is located at 2024 Norris Rd in Bakersfield, CA.

### 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 20, 2007 ⇒ amended December 18, 2014)
- District Rule 2201, New and Modified Stationary Source Review Rule (amended December 18, 2008 ⇒ amended February 18, 2016)
- District Rule 2520, Federally Mandated Operating Permits (amended June 21, 2001)
- District Rule 4682, Polystyrene, Polyethylene, and Polypropylene Products Manufacturing (amended September 20, 2007 ⇒ amended December 15, 2011)
- District Rule 4702, Internal Combustion Engines (amended August 18, 2011 ⇒ amended November 14, 2013)
- 40 CFR Part 64, Compliance Assurance Monitoring (October 22, 1997)

- 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners (amended June 18, 2008 ⇒ amended June 25, 2013) <sup>1</sup>
- 40 CFR Part 82, Subpart F, Recycling and Emissions Reduction (amended June 18, 2008 ⇒ amended December 1, 2016) <sup>1</sup>

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

There are no applicable rules that were removed since the last Title V renewal.

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

- District Rule 2410, Prevention of Significant Deterioration (Adopted June 16, 2011)
- 40 CFR Part 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (amended January 30, 2013)

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

- District Rule 1070, Inspections (amended December 17, 1992)
- District Rule 1080, Stack Monitoring (amended December 17, 1992)
- District Rule 1081, Source Sampling (amended December 17, 1992)
- District Rule 1100, Equipment Breakdown (amended December 17, 1992)
- District Rule 2010, Permits Required (amended December 17, 1992)
- District Rule 2031, Transfer of Permits (amended December 17, 1992)
- District Rule 2040, Applications (amended December 17, 1992)
- District Rule 2070, Standards for Granting Applications (amended December 17, 1992)
- District Rule 2080, Conditional Approval (amended December 17, 1992)

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<sup>1</sup> 40 CFR 82, Subparts B and F were amended since the previous renewed TV permit was issued. However, the amendments to these subparts do not have any effect on existing permit requirements as addressed by conditions 29 & 30 of permit unit S-892-0-4 on the draft renewed permit.

- District Rule 4101, Visible Emissions (amended February 17, 2005)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4601, Architectural Coatings (amended December 17, 2009)
- District Rule 4623, Storage of Organic Liquids (amended May 19, 2005)
- District Rule 4801, Sulfur Compounds (amended December 17, 1992) (Non SIP replacement for Fresno County Rule 406)
- District Rule 8011, Fugitive Dust General Requirements (Amended August 19, 2004)
- District Rule 8021, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Construction, Demolition, Excavation, and Extraction Activities (Amended August 19, 2004)
- District Rule 8031, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Handling and Storage of Bulk Materials (Amended August 19, 2004)
- District Rule 8041, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Carryout and Trackout (Amended August 19, 2004)
- District Rule 8051, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Open Area (Amended August 19, 2004)
- District Rule 8061, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Paved and Unpaved Roads (Amended August 19, 2004)
- District Rule 8071, Fugitive Dust Requirements for Control of Fine Particulate Matter (PM10) from Unpaved Vehicle/Equipment Areas (Amended September 16, 2004)
- 40 CFR Part 61, Subpart M, National Emission Standards for Asbestos (Amended July 20, 2004)
- 40 CFR Part 68, Chemical Accident Prevention Provisions (amended April 9, 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/Updated

Title 17 CCR, Section 93115 - Airborne Toxic Control Measure (ATCM) for Stationary Compression-Ignition (CI) Engines

The Airborne Toxic Control Measure (ATCM) is a rule under the California Code of Regulations (CCR) which is the official compilation and publication of the regulations adopted, amended or repealed by state agencies. The purpose of this rule is to reduce diesel particulate matter (PM) and criteria pollutant emissions from stationary diesel-fueled compression ignition engines.

S-892-11-7: 250 BHP CUMMINS MODEL NT-855-11 DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

Conditions 3 through 6 of the draft requirements for this permit unit ensure compliance with this rule and will not be discussed any further.

### B. Rules Not Updated

District Rule 1160, Emission Statements (adopted November 18, 1992)  
District Rule 4102, Nuisance (amended December 17, 1992)

## VIII. PERMIT REQUIREMENTS

The purpose of this evaluation is to review changes to federally enforceable requirements; therefore, this compliance section will only address rules that have been amended or added since the issuance of the most recent renewal of the 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 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 (NSR)**

District Rule 2201 has been amended since this facility's most recent Title V renewed 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.

**C. District Rule 2410 – Prevention of Significant Deterioration (PSD)**

District Rule 2410 has been newly adopted since this Title V permit was last renewed. However the requirements of this rule are only triggered at the time the source undergoes a modification. This source has never been subject to this rule, therefore there are no PSD permit applicable requirements to include in the Title V permit.

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

No changes to this rule have occurred since issuance of the previous TV permit; however, 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.

**E. District Rule 4682 - Polystyrene, Polyethylene, and Polypropylene Products Manufacturing**

The purpose of this rule is to limit emissions of VOC and trichlorofluoromethane (CFC-11) and dichlorofluoromethane (CFC-12) from manufacturing and processing of products composed of polystyrene, polyethylene, or polypropylene and from the storage of VOC blowing agents.



As discussed above, Pactiv, LLC operates a polystyrene foam manufacturing facility at this location. Therefore, District Rule 4682 applies to this facility.

Section 5.1 states that no person shall place, hold or store any VOC blowing agent in any stationary tank, reservoir or container having a capacity greater than 200 gallons unless one of the following emission control systems is provided:

- 5.1.1 The container is a pressure vessel maintaining a working pressure at all times sufficient to prevent release of VOC emissions to the atmosphere under normal operating conditions; or
- 5.1.2 The container is equipped with an emission control device or system which collects and disposes of VOC emissions, and which achieves and maintains a vapor recovery/control efficiency of at least 95 percent by weight.

S-892-6-4, -7-4, and -8-4: 12,000 GALLON BLOWING AGENT STORAGE VESSEL #2 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE

Condition 1 of the draft permit requirements ensures compliance with this section.

Section 5.2 states that the operator shall not conduct any manufacturing operations, as defined in Section 3.0, unless one of the following emission reduction methods is met:

- 5.2.1 Effective until December 31, 2012, the operator demonstrates, to the satisfaction of the APCO, that the total product emissions do not exceed 2.4 pounds of VOC per 100 pounds of total material processed, calculated over a monthly period.
- 5.2.2 Effective on and after January 1, 2013, the operator of an extrusion facility shall demonstrate, to the satisfaction of the APCO, that the total product emissions do not exceed 2.4 pounds of VOC per 100 pounds of total material processed, calculated over a monthly period.
- 5.2.3 Effective on and after January 1, 2013, the operator of an expandable polystyrene molding facility shall demonstrate, to the satisfaction of the APCO, that the total product emissions do not exceed the following:
  - 5.2.3.1 3.4 pounds of VOC per 100 pounds of total material processed, calculated daily, and

- 5.2.3.2 2.4 pounds of VOC per 100 pounds of total material processed, calculated over a monthly period.
- 5.2.4 A blowing agent other than a VOC or trichlorofluoromethane (CFC-11) or dichlorofluoromethane (CFC-12) is exclusively used.
- 5.2.5 An approved emission control system is installed and operating with manufacturing emissions vented only to the approved emission control system; and emissions from the final manufactured product are to be vented only to the approved emission control system for at least:
  - 5.2.5.1 48 hours, in the case of expandable polystyrene molding operations that process more than 800,000 pounds per calendar year of raw material; or
  - 5.2.5.2 24 hours, in the case of all other manufacturing operations.
  - 5.2.5.3 The provision of Section 5.2.5.1 or 5.2.5.2 are not required for any facility that only manufactures polystyrene products and the highest concentration of the blowing agent in the product is 1.8 percent or less by weight, within 15 minutes after the completion of the final processing step, prior to any finished product storage. Verification of the concentration shall be demonstrated annually, pursuant to a protocol submitted to the District and subject to approval by the APCO.
- 5.2.6 The operator demonstrates to the satisfaction of the APCO that the manufacturing emissions are no greater than the facility emissions which would occur under Section 5.2.5, as calculated according to Section 5.4, and which does not include the use of trichlorofluoromethane (CFC-11) or dichlorodifluoromethane (CFC-12).
- 5.2.7 A control system that meets all of the following requirements shall be deemed as meeting the requirements of Section 5.2.6, unless the APCO determines that additional controls are required.
  - 5.2.7.1 The beads used in manufacturing have an annual-average VOC content of less than 4.2% per weight; and
  - 5.2.7.2 The manufacturing emissions (not including finished product storage emissions) are controlled with an overall capture and control efficiency of at least 93% by weight.

The facility will meet the requirements of section 5.2 by limiting their process to not exceed 2.4 pounds of VOC per 100 pounds of total material processed as allowed in Section 5.2.2

S-984-4-31: POLYSTYRENE FLUFF RECLAIM OPERATION INCLUDING 17 TRIM GRINDERS, SIX RECLAIM GRANULATORS, FLUFF TRANSFER AND STORAGE IN 11 FLUFF STORAGE SILOS, THREE RECLAIM EXTRUDER LINES, VOC VAPOR COLLECTION SYSTEM, AND SMITH ENGINEERING REGENERATIVE THERMAL OXIDIZER (RTO)

Condition 25 of the draft permit requirements ensures compliance with this section.

S-984-10-35: POLYSTYRENE FOAM EXTRUSION PROCESS CONSISTING OF 10 FOAM EXTRUSION LINES

Condition 8 of the draft permit requirements ensures compliance with this section.

S-984-17-27: THERMOFORMING OPERATION WITH 17 THERMOFORMING LINES INCLUDING THERMOFORMERS, HEAT TUNNELS AND TRIM PRESSES

Conditions 2 and 7 of the draft permit requirements ensure compliance with this section.

Section 5.3 states that operators subject to the provisions of Section 5.2.1, 5.2.2, or 5.2.3 who exceed the limit based on the monthly calculation, shall be considered to have been in violation for each day of that monthly period.

Section 5.4 describes the formula used to calculate the emission for units complying with section 5.2.5, by installing an emission control system. Since this unit is not meeting compliance through Section 5.2.5, no further discussion is needed.

Section 5.5 states that compliance plans shall be submitted for operators complying with Sections 5.2.1, 5.2.6, or 5.2.7. The facility has not proposed to meet compliance with this rule by complying with these sections; therefore the requirements of this section are not applicable.

Section 6.1.1 states that any person subject to the provisions of this rule, including exempt facilities, shall maintain records of operation, including but not limited to the amount of material processed, the equipment used, and the type of the blowing agent used. Records shall be maintained with minimum monthly totals with the ability to calculate daily averages in any given month.

S-984-10-35: POLYSTYRENE FOAM EXTRUSION PROCESS CONSISTING OF 10 FOAM EXTRUSION LINES

Conditions 18 and 19 of the draft permit requirements ensure compliance with this section.

Section 6.1.2 applies to persons using an emission control system as a means of complying with this rule. The facility has not proposed to meet compliance with this rule with a control system; therefore the requirements of this section are not applicable.

Section 6.1.3 states that operators complying with Section 5.2.1, 5.2.2, or 5.2.3 shall maintain records necessary to show compliance with that section and shall, once every month, calculate the daily average VOC emissions, based on the records for the preceding monthly period, according to the approved VOC emission calculation formula.

S-984-4-31: POLYSTYRENE FLUFF RECLAIM OPERATION INCLUDING 17 TRIM GRINDERS, SIX RECLAIM GRANULATORS, FLUFF TRANSFER AND STORAGE IN 11 FLUFF STORAGE SILOS, THREE RECLAIM EXTRUDER LINES, VOC VAPOR COLLECTION SYSTEM, AND SMITH ENGINEERING REGENERATIVE THERMAL OXIDIZER (RTO)

Conditions 25 and 26 of the draft permit requirements ensure compliance with this section.

S-984-10-35: POLYSTYRENE FOAM EXTRUSION PROCESS CONSISTING OF 10 FOAM EXTRUSION LINES

Conditions 13, and 14 of the draft permit requirements ensure compliance with this section.

S-984-17-27: THERMOFORMING OPERATION WITH 17 THERMOFORMING LINES INCLUDING THERMOFORMERS, HEAT TUNNELS AND TRIM PRESSES

Conditions 3 and 9 of the draft permit requirements ensure compliance with this section.

Section 6.1.4 applies to operators complying with Section 5.2.3. The facility has not proposed to meet compliance with this rule by complying with Section 5.2.3; therefore the requirements of this section are not applicable.

Section 6.1.5 states that the operator shall keep in the facility all records required to demonstrate compliance with the requirements of this rule for a

minimum of five years. The records shall be made available at the facility during normal business hours to the APCO, ARB, or EPA. The records shall be submitted to the APCO, ARB, or EPA upon request.

S-984-10-35: POLYSTYRENE FOAM EXTRUSION PROCESS CONSISTING OF 10 FOAM EXTRUSION LINES

Conditions 18 and 19 of the draft permit requirements ensure compliance with this section.

S-984-17-27: THERMOFORMING OPERATION WITH 17 THERMOFORMING LINES INCLUDING THERMOFORMERS, HEAT TUNNELS AND TRIM PRESSES

Condition 10 of the draft permit requirements ensure compliance with this section.

Section 6.2 lists the approved test methods for determining the control efficiency of the emission control device, the capture efficiency of the emission capture control system, exempt compounds and halogenated blowing agents, and VOC blowing agent contained in polymeric materials. The facility is not required to perform any of these tests; therefore the requirements in this section are not applicable.

**F. District Rule 4702 – Internal Combustion Engines**

The purpose of this rule is to limit the emissions of nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), volatile organic compounds (VOC), and sulfur oxides (SO<sub>x</sub>) from internal combustion engines. This rule applies to any internal combustion engine rated at 25 brake horsepower or greater.

Section 4.3.1 states that only the requirements of Section 6.2.3 shall apply to an IC engine that meets the following conditions:

- 4.3.1.1 The engine is operated exclusively to preserve or protect property, human life, or public health during a disaster or state of emergency, such as a fire or flood; and
- 4.3.1.2 Except for operations associated with Section 4.3.1.1, the engine is limited to operate no more than 100 hours per calendar year as determined by an operational nonresettable elapsed time meter, for periodic maintenance, periodic readiness testing, and readiness testing during and after repair work of the engine; and
- 4.3.1.3 The engine is operated with an operational nonresettable elapsed time meter. In lieu of installing a nonresettable elapsed time meter, the operator of an engine may use an alternative device, method,

or technique, in determining operating time provided that the alternative is approved by the APCO and EPA. The operator of the engine shall properly maintain and operate the nonresettable elapsed time meter or alternative device in accordance with the manufacturer's instructions.

The emergency firewater IC engine meets the requirements of the exemption category in Section 4.3.1. Therefore, this engine is only subject to the administrative requirements of Section 6.2.3.

S-892-11-7: 250 BHP CUMMINS MODEL NT-855-11 DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

Conditions 12 and 13 of the draft requirements for this permit unit ensure compliance with this section.

Section 6.2.3 requires an operator claiming an exemption under Section 4.2 or Section 4.3 to maintain annual operating records of the following. Records shall be retained for at least five years, shall be readily available, and provided to the APCO upon request.

- 6.2.3.1 Total hours of operation,
- 6.2.3.2 The type of fuel used,
- 6.2.3.3 The purpose for operating the engine,
- 6.2.3.4 For emergency standby engines, all hours of non-emergency and emergency operation shall be reported, and
- 6.2.3.5 Other support documentation necessary to demonstrate claim to the exemption.

S-892-11-7: 250 BHP CUMMINS MODEL NT-855-11 DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

Conditions 6 and 16 of the draft requirements for this permit unit ensure compliance with this section.

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

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

§63.6585 states an owner or operator is subject to this subpart if it owns or operates a stationary RICE at a major or area source of HAP emissions. A major source of HAP emissions is a plant site that emits or has the potential to emit any single HAP at a rate of 10 tons (9.07 megagrams) or more per year or any combination of HAP at a rate of 25 tons (22.68 megagrams) or more per year. An area source of HAP emissions is a source that is not a major source.

This facility is an area source of HAP emissions since it is not a major source of HAP per §63.6585(b).

§63.6590(a)(1)(iii) For stationary RICE located at an area source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.

Permit unit S-892-11 is an existing stationary RICE since, it commenced construction before June 12, 2006.

§63.6603(a) An existing stationary RICE located at an area source of HAP emissions must comply with the applicable requirements in Table 2d to this subpart.

As stated in §§63.6603 and 63.6640, the facility must comply with the following requirements for existing stationary RICE located at area sources of HAP emissions:

<b>Table 2d - Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions</b>		
<b>For each</b>	<b>You must meet the following requirement, except during periods of startup</b>	<b>During periods of startup you must</b>
5. Emergency stationary SI RICE; black start stationary SI RICE; non-emergency, non-black start 4SLB stationary RICE >500 HP that operate 24 hours or less per calendar year; non-emergency, non-black start 4SRB stationary RICE >500 HP that operate 24 hours or less per calendar year.	<ul style="list-style-type: none"> <li>a. Change oil and filter every 500 hours of operation or annually, whichever comes first;<sup>1</sup></li> <li>b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and</li> <li>c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.</li> </ul>	--

<sup>1</sup> Sources have the option to utilize an oil analysis program as described in §63.6625(i) or (j) in order to extend the specified oil change requirement in Table 2d of this subpart.

<sup>2</sup> If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable

§63.66259(e) The operator shall operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions

§63.6655(a) If you must comply with the emission and operating limitations, you must keep the records described in the following paragraphs (a)(1) through (a)(5).

(a)(1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in §63.10(b)(2)(xiv).

(a)(2) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment.

(a)(3) Records of performance tests and performance evaluations as required in §63.10(b)(2)(viii).

(a)(4) Records of all required maintenance performed on the air pollution control and monitoring equipment.

(a)(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.



S-892-11-7: 250 BHP CUMMINS MODEL NT-855-11 DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

Conditions 7 through 15 of the draft requirements for this permit unit ensure compliance with this section.

**H. 40 CFR Part 64 - Compliance Assurance Monitoring (CAM)**

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

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

<b>Pollutant</b>	<b>Major Source Threshold (lb/year)</b>
NO <sub>x</sub>	20,000
SO <sub>x</sub>	140,000
PM <sub>10</sub>	140,000
CO	200,000
VOC	20,000

- a. S-892-1-11: VIRGIN RESIN UNLOADING AND STORAGE INCLUDING RAIL CAR UNLOADING FILTER/RECEIVER WITH 75 HP EXHAUST BLOWER, 60 HP FEED BLOWER, FOUR STORAGE SILOS, AND ONE FABRIC DUST COLLECTOR

This unit does not have any emission limits. Therefore, this unit does not trigger CAM.

- b. S-892-2-24: VIRGIN RESIN STORAGE TO EXTRUDERS TRANSFER OPERATION INCLUDING AEF MODEL FR-14-9 BAGHOUSE, TWO BLOWERS (30 AND 60 HP) AND 10 VIRGIN RESIN USE BINS (WITH FILTERS LOCATED NEXT TO EXTRUDERS 501, 502, 503, 504, 505, 506, 507, 508, 509, AND 510)

The only pollutant emitted from this unit is PM<sub>10</sub>. Therefore, only PM<sub>10</sub> will be discussed. This unit lists an emissions factor for PM<sub>10</sub> and is equipped with an add-on control in the form of a baghouse. However, as shown below, the pre-control potential to emit is not greater than the major source threshold of 140,000 pounds PM<sub>10</sub>/year. Therefore, this unit does not trigger CAM.

Uncontrolled PM10 = (Emission Factor x Throughput) ÷ (1 – Control Efficiency)

Per current PTO the emission factor for this operation is 0.008 lb-PM10/1,000 lb-virgin resin. The maximum throughput for units S-892-2 and -5 is limited to 302,400 lb-resin/day. For worst case scenario it is assumed this unit will receive the entire throughput. The control efficiency of the baghouse is 99% per District practice.

Uncontrolled PM10 = (0.008 lb-PM10/1,000 lb-virgin resin x 302,400 lb-resin/day x 365 day/year) ÷ (1 – 99%)  
= 88,300 lb-PM10/year

c. S-892-4-31: POLYSTYRENE FLUFF RECLAIM OPERATION INCLUDING 17 TRIM GRINDERS, SIX RECLAIM GRANULATORS, FLUFF TRANSFER AND STORAGE IN 11 FLUFF STORAGE SILOS, THREE RECLAIM EXTRUDER LINES, VOC VAPOR COLLECTION SYSTEM, AND SMITH ENGINEERING REGENERATIVE THERMAL OXIDIZER (RTO)

Each fluff silo is equipped with a fabric dust collector. However, there are no emission factors for the fluff silos. Therefore, the fluff silos do not trigger CAM for PM10.

The emissions from the entire operation are collected and vented to a RTO. This unit list an emissions factor for NOx, SOx, PM10, CO, and VOC from the RTO. However the operation itself only emits PM10 and VOC emissions. The NOx, SOx, and CO emissions are solely emitted by the RTO. Therefore, this unit does not trigger CAM for NOx, SOx, or CO. The RTO is an add-on control for VOC emissions only. Even though this operation is partly responsible for PM10 emissions from the RTO the RTO is not an add-on control for PM10. Therefore, CAM is not triggered for PM10. As show below the controlled emissions for VOC are above the major source threshold. Therefore, CAM is triggered for VOC.

Per current PTO the RTO emits 7.69 lb-VOC/hr. Assuming the portion of VOC emissions from the burning of natural gas in the RTO is negligible. The controlled emissions from this operation is 7.69 lb-VOC/hr. The operation may operate 8,760 hr/year. Therefore, controlled emissions can be calculated as follows.

Controlled VOC Emissions = Emission Factor x Annual Operating Schedule  
= 7.69 lb-VOC/hr x 8,760 hr/year  
= 67,364 lb-VOC/year

Since, the controlled emissions are above the major source threshold monitoring data must be collected every 15 minutes. Conditions 13 and 14 of

the draft permit requirements will ensure the RTO combustion chamber temperature is monitored at least every 15 minutes.

- d. S-892-5-25: RECLAIMED POLYSTYRENE PELLET (RPP) SILOS TO EXTRUDERS TRANSFER OPERATION INCLUDING 10 RPP SILOS, 3 STATIC BAGHOUSES, UNLOADING/AEF MODEL FR-14-9 BAGHOUSE, TWO BLOWERS (30 HP AND 50 HP), AND 10 RPP USE BINS (WITH FILTERS LOCATED NEXT TO EXTRUDERS 501, 502, 503, 504, 505, 506, 507, 508, 509, AND 510)

The only pollutant emitted from this unit is PM10. Therefore, only PM10 will be discussed. This unit list an emissions factor for PM10 and is equipped with an add-on control in the form of a baghouse. However, as shown below, the pre-control potential to emit is not greater than the major source threshold of 140,000 pounds PM10/year. Therefore, this unit does not trigger CAM.

Uncontrolled PM10 = (Emission Factor x Throughput) ÷ (1 – Control Efficiency)

Per current PTO the emission factor for this operation is 0.008 lb-PM10/1,000 lb-virgin resin. The maximum throughput for units S-892-2 and -5 is limited to 302,400 lb-resin/day. For worst case scenario it is assumed this unit will receive the entire throughput. The control efficiency of the baghouse is 99% per District practice.

$$\begin{aligned}\text{Uncontrolled PM10} &= (0.008 \text{ lb-PM10/1,000 lb-virgin resin} \times 302,400 \text{ lb-} \\ &\quad \text{resin/day} \times 365 \text{ day/year}) \div (1 - 99\%) \\ &= 88,300 \text{ lb-PM10/year}\end{aligned}$$

- e. S-892-6-4, -7-4, and -8-4: 12,000 GALLON BLOWING AGENT STORAGE VESSEL INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE

This unit does not have any emission limits. Therefore, this unit does not trigger CAM.

- f. S-892-10-35: POLYSTYRENE FOAM EXTRUSION PROCESS CONSISTING OF 10 FOAM EXTRUSION LINES

This unit is not equipped with any add-on controls. Therefore, this unit does not trigger CAM.

- g. S-892-11-7: 250 BHP CUMMINS MODEL NT-855-11 DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

This unit is not equipped with any add-on controls. Therefore, this unit does not trigger CAM.

h. S-892-12-4: REPROCESSED POLYSTYRENE PELLET (RPP) BOX DUMPER OPERATION (24 TOTAL HP)

This unit is not equipped with any add-on controls. Therefore, this unit does not trigger CAM.

i. S-984-17-27: THERMOFORMING OPERATION WITH 17 THERMOFORMING LINES INCLUDING THERMOFORMERS, HEAT TUNNELS AND TRIM PRESSES

This unit is not equipped with any add-on controls. Therefore, this unit does not trigger CAM.

j. S-892-22-2: 18,000 GALLON METHYL FORMATE PRESSURE VESSEL STORAGE TANK

This unit is not equipped with any add-on controls. Therefore, this unit does not trigger CAM.

k. S-892-23-7: POLYSTYRENE, POLYETHYLENE AND/OR POLYPROPYLENE RESIN RECEIVING AND STORAGE OPERATION INCLUDING ONE 4300 CUBIC FOOT AND ONE 3000 CUBIC FOOT STORAGE SILOS WITH BIN VENT FILTERS

The only pollutant emitted from this unit is PM10. Therefore, only PM10 will be discussed. This unit list an emissions factor for PM10 and is equipped with an add-on control for each silo in the form of a bin vent filter. However, as shown below, the pre-control potential to emit is not greater than the major source threshold of 140,000 pounds PM10/year. Therefore, this unit does not trigger CAM.

$$\text{Uncontrolled PM10} = (\text{Emission Factor} \times \text{Throughput}) \div (1 - \text{Control Efficiency})$$

Per current PTO the emission factor for this operation is 0.0002018 lb-PM10/1,000 lb-virgin resin. The maximum throughput for this unit is limited to 21,000,000 lb-resin/year. The control efficiency of the bin vent filters is 99% per District practice.

$$\begin{aligned} \text{Uncontrolled PM10} &= (0.0002018 \text{ lb-PM10/1,000 lb-virgin resin} \times 21,000,000 \\ &\text{lb-resin/year}) \div (1 - 99\%) \\ &= 424 \text{ lb-PM10/year} \end{aligned}$$

I. S-892-24-5: POLYSTYRENE, POLYPROPYLENE AND POLYETHYLENE LOADOUT AND TRANSFER OPERATION INCLUDING VACUUM BLOWERS SERVED BY AIR DISCHARGE FABRIC FILTER COLLECTOR TRANSPORTING RESIN TO DAY BIN STORAGE AND MIXING BINS AND PERMIT EXEMPT INJECTION MOLDING MACHINES (NO PLASTICIZER OR BLOWING AGENT PRESENT)

The only pollutant emitted from this unit is PM10. Therefore, only PM10 will be discussed. This unit list an emissions factor for PM10 and is equipped with an add-on control in the form of a fabric filter dust collector. However, as shown below, the pre-control potential to emit is not greater than the major source threshold of 140,000 pounds PM10/year. Therefore, this unit does not trigger CAM.

$$\text{Uncontrolled PM10} = (\text{Emission Factor} \times \text{Throughput}) \div (1 - \text{Control Efficiency})$$

Per current PTO the emission factor for this operation is 0.0002018 lb-PM10/1,000 lb-virgin resin. The maximum throughput for this unit is limited to 21,000,000 lb-resin/year. The control efficiency of the fabric filter dust collector is 99% per District practice.

$$\begin{aligned} \text{Uncontrolled PM10} &= (0.000706 \text{ lb-PM10/1,000 lb-virgin resin} \times 21,000,000 \\ &\quad \text{lb-resin/year}) \div (1 - 99\%) \\ &= 1,483 \text{ lb-PM10/year} \end{aligned}$$

m. S-892-25-5: OFFLINE POLYSTYRENE, POLYPROPYLENE AND POLYETHYLENE SCRAP GRINDING OPERATION CONSISTING OF TWO GRINDERS EACH SERVED BY CYCLONE VENTED TO A FABRIC SOCK FILTER

The only pollutant emitted from this unit is PM10. Therefore, only PM10 will be discussed. This unit list an emissions factor for PM10 and is equipped with an add-on control for each grinder in the form of a cyclone with sock filter. However, as shown below, the pre-control potential to emit is not greater than the major source threshold of 140,000 pounds PM10/year. Therefore, this unit does not trigger CAM.

$$\text{Uncontrolled PM10} = (\text{Emission Factor} \times \text{Throughput}) \div (1 - \text{Control Efficiency})$$

Per current PTO the emission factor for this operation is 0.000585 lb-PM10/1,000 lb-scrap. The maximum throughput for this unit is limited to 630,000 lb-scrap/year. The control efficiency of a cyclone with sock filter is 99% per District practice.

$$\begin{aligned}\text{Uncontrolled PM}_{10} &= (0.000585 \text{ lb-PM}_{10}/1,000 \text{ lb-virgin resin} \times 21,000,000 \\ &\quad \text{lb-resin/year}) \div (1 - 99\%) \\ &= 1,483 \text{ lb-PM}_{10}/\text{year}\end{aligned}$$

## **IX. PERMIT SHIELD**

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

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

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

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

The applicant is not proposing any permit shields.

### **C. Obsolete Permit Shields From Existing Permit Requirements**

There are no obsolete permit shields.

## **X. 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.

## **XI. PERMIT CONDITIONS**

See Attachment A - Draft Renewed Title V Operating Permit.

## **ATTACHMENTS**

- A. Draft Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. Detailed Summary List of Facility Permits

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# ATTACHMENT A

Draft Renewed Title V Operating Permit

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# San Joaquin Valley Air Pollution Control District

FACILITY: S-892-0-4

EXPIRATION DATE: 01/31/2017

## FACILITY-WIDE REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.0 and Kern County Rule 111] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0 and Kern County Rule 111] Federally Enforceable Through Title V Permit
3. {2287} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (8/18/11). [District Rules 2010, 3.0, 4.0 and 2020, 5.0, 6.0, 7.0] 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, 9.0] 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, 2.0] 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, 3.0] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include, where appropriate: 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, 9.0] Federally Enforceable Through Title V Permit
9. All Title V records required by conditions on this permit shall be readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The results of each source test required by the conditions in this permit, shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.0] 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: PACTIV LLC  
Location: 2024 NORRIS RD, BAKERSFIELD, CA 93308-2297

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11. 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, 9.0] Federally Enforceable Through Title V Permit
12. 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, 9.0] Federally Enforceable Through Title V Permit
13. 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, 9.0 and 1100, 7.0] Federally Enforceable Through Title V Permit
14. 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, 9.0] Federally Enforceable Through Title V Permit
15. 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, 9.0] Federally Enforceable Through Title V Permit
16. 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, 9.0] Federally Enforceable Through Title V Permit
17. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
18. 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, 9.0] Federally Enforceable Through Title V Permit
19. 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, 9.0] Federally Enforceable Through Title V Permit
20. 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, 9.0] Federally Enforceable Through Title V Permit
21. 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, 9.0] Federally Enforceable Through Title V Permit
22. 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, 9.0] Federally Enforceable Through Title V Permit
23. 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, 9.0] 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.

24. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (2/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, 5.0 and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
25. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.0] Federally Enforceable Through Title V Permit
26. All VOC-containing materials for architectural coatings subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.0] Federally Enforceable Through Title V Permit
27. 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, 6.0] Federally Enforceable Through Title V Permit
28. 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, 9.0 and 10.0] Federally Enforceable Through Title V Permit
29. {2311} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
30. {2312} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR 82, Subpart B. [40 CFR 82, Subpart B] Federally Enforceable Through Title V Permit
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8021, 4.0, 5.0 and 8011 4.0 and 5.0] Federally Enforceable Through Title V Permit
32. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8031, 4.0, 5.0 and 8011, 4.0 and 5.0] Federally Enforceable Through Title V Permit
33. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8041, 4.0, 5.0 and 8011, 4.0, 5.0] Federally Enforceable Through Title V Permit
34. Whenever open areas are disturbed or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8051, 4.0, 5.0 and 8011, 4.0, 5.0] Federally Enforceable Through Title V Permit
35. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8061, 4.0, 5.0 and 8011, 4.0, and 5.0] Federally Enforceable Through Title V Permit
36. Any unpaved vehicle/equipment area that anticipates more than 75 vehicle trips per day shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 100 vehicle trips per day shall comply with the requirements of Section 5.1.2 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8071, 4.0 and 5.0 and 8011, 4.0 and 5.0] 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.

37. {2319} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
38. 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, 9.0] Federally Enforceable Through Title V Permit
39. 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, 5.0] Federally Enforceable Through Title V Permit
40. 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, 9.0] Federally Enforceable Through Title V Permit
41. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Kern County Rules 111, 407 and 401. A permit shield is granted from these requirements. [District Rule 2520, 13.0] Federally Enforceable Through Title V Permit
42. 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); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4201 (12/17/92); 4601, sections 5.1, 5.2, 5.3, 5.8 and 8.0 (12/17/09); 4623 (5/19/05); 4682 sections 5.1 and 5.2 (9/20/07); 4801 (12/17/92); 8021 (8/19/04); 8031 (8/19/04); 8041 (8/19/04); 8051 (8/19/04); 8061 (8/19/04); and 8071 (8/19/04). A permit shield is granted from these requirements. [District Rule 2520, 13.0] Federally Enforceable Through Title V Permit
43. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
44. Records of visible emissions inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
45. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 4702, 6.0 and 17 CCR 93115] Federally Enforceable Through Title V Permit
46. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin July 15 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, 9.0] Federally Enforceable Through Title V Permit
47. The facility shall submit to the proper authority a Risk Management Plan, and comply with all the requirements of Program 1, 2, or 3. [40 CFR Part 68] Federally Enforceable Through Title V Permit
48. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102, 4.0]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-1-11

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

VIRGIN RESIN UNLOADING AND STORAGE INCLUDING RAIL CAR UNLOADING FILTER/RECEIVER WITH 75 HP EXHAUST BLOWER, 60 HP FEED BLOWER, FOUR STORAGE SILOS, AND ONE FABRIC DUST COLLECTOR

## PERMIT UNIT REQUIREMENTS

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1. Virgin resin silo vents shall vent only to fabric dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Materials collected in fabric dust collector shall be recycled into virgin resin silos or disposed of in a manner preventing emissions to the atmosphere. [District Rule 4102, 4.1]
3. The fabric dust collector shall be maintained in proper working order. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
5. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 2520, 9.0 and 4101, 6.0] Federally Enforceable Through Title V Permit
6. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-2-24

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

VIRGIN RESIN STORAGE TO EXTRUDERS TRANSFER OPERATION INCLUDING AEF MODEL FR-14-9 BAGHOUSE, TWO BLOWERS (30 AND 60 HP) AND 10 VIRGIN RESIN USE BINS (WITH FILTERS LOCATED NEXT TO EXTRUDERS 501, 502, 503, 504, 505, 506, 507, 508, 509, AND 510)

## PERMIT UNIT REQUIREMENTS

1. Total virgin resin and recycled polystyrene pellet (RPP) throughput for permit unit numbers S-892-2 and S-892-5 shall not exceed 302,400 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter (PM10) emissions shall not exceed 0.008 lbm-PM10 per 1,000 lbm virgin resin. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operator shall maintain records of monthly amount of weight virgin resin processed and total hours of operation per month and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operator shall maintain records of daily scheduled hours of operation and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily records shall be calculated by the following equation: (scheduled daily hours) x ((total polystyrene foam processed in month)/(total hours of operation in month)). [District Rule 2201] Federally Enforceable Through Title V Permit
6. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
7. Visible emissions from the 30 hp vacuum transfer blower exhaust shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0 and 4201, 4.0] Federally Enforceable Through Title V Permit
8. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-4-31

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

POLYSTYRENE FLUFF RECLAIM OPERATION INCLUDING 17 TRIM GRINDERS, SIX RECLAIM GRANULATORS, FLUFF TRANSFER AND STORAGE IN 11 FLUFF STORAGE SILOS, THREE RECLAIM EXTRUDER LINES, VOC VAPOR COLLECTION SYSTEM, AND SMITH ENGINEERING REGENERATIVE THERMAL OXIDIZER (RTO)

## PERMIT UNIT REQUIREMENTS

1. Storage silos shall be maintained gas tight. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Trim grinders units and reclaim granulator units shall be vented only to the fluff feed silos with fabric collectors. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operation shall be equipped with no more than 11 fluff storage silos each with separate fabric collectors, 6 of which have live bottom bins, and all venting to the RTO. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The VOC vapor collection system shall serve 3 fluff feed silo fabric collector exhausts, 3 extruder vents including vapor mix box #MB-2 and vapor booster fan exhausting to mix box #MB-1. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
5. Operation shall include no more than 3 reclaim extruder lines with underwater pelletizer systems, air dryers, and 3 pelletizer blowers. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Operation shall include VOC vapor collection system exhausting to RTO serving 11 fluff storage silos including mix box #MB-1. [District Rule 2201] Federally Enforceable Through Title V Permit
7. RTO shall be equipped with 3 heat exchanger beds filled with ceramic media, combustion chamber, two 8 MMBtu/hr burners, combustion air fan and induced draft exhaust fan. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
8. RTO beds smokeless burnout system shall include burnout fan and ducting from outlet side of heat exchanger beds to combustion chamber. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Fluff transfer and reclaim resin storage operation shall not operate or produce VOC emissions during RTO burnout process. [District Rule 2201] Federally Enforceable Through Title V Permit
10. RTO burners shall be fired exclusively with PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Fuel gas sulfur content shall not exceed 0.25 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Fuel gas flowrate to RTO burners shall not exceed 16,000 scf per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
13. RTO combustion chamber temperature shall be maintained at no less than 1350 deg. F. [District Rule 4682 and 40 CFR 64] Federally Enforceable Through Title V Permit
14. The RTO shall be equipped with a continuous temperature monitoring and recording device. During operation, the temperature shall be recorded at least once every fifteen minutes. [40 CFR 64]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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15. The blowing agent vapor residence time in RTO firebox shall be maintained at no less than 1.0 second. [District Rule 4682] Federally Enforceable Through Title V Permit
16. The blowing agent vapor collection and incineration efficiency shall be maintained at no less than 95% by weight. [District Rule 4682] Federally Enforceable Through Title V Permit
17. Ambient air flow into vapor control system shall be regulated at mix boxes and shall not exceed amount required to maintain vapor concentration below lower explosive limit (LEL). [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
18. Permittee shall maintain accurate records of vapor control system operation conditions (RTO operating temperature, fuel gas flowrate, etc.). [District Rule 4682] Federally Enforceable Through Title V Permit
19. Records required by conditions on this permit shall be made readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Particulate matter (PM10) emission rate at RTO exhaust shall not exceed 14.6 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Maximum emission rate of SOx (as SO2) shall not exceed 0.01 pound per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Maximum emission rate of volatile organic compounds (VOC) shall not exceed 7.69 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Maximum emission rate of oxides of nitrogen (NOx) shall not exceed 2.24 pounds per hour (as NO2). [District Rule 2201] Federally Enforceable Through Title V Permit
24. Maximum emission rate of carbon monoxide (CO) shall not exceed 0.56 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
25. The lifetime emissions from total material input (TMI) shall not exceed 2.4 lb-VOC/100 lb-TMI (calculated on a monthly average). [District Rule 4682] Federally Enforceable Through Title V Permit
26. Lifetime emissions of VOC (LE) from total material input (TMI) shall be calculated on a monthly basis using the following equation:  $LE \text{ (lb-VOC/100 lb TMI)} = 100 \times [\text{BAI} - (\text{RECOLL} \times \text{EFF})] / \text{TMI}$  where BAI = pounds VOC blowing agent used/month, RECOLL = pounds blowing agent captured/month from reclaim operations, EFF = control efficiency of thermal oxidizer, and TMI is the total material (including virgin and recycled polystyrene, nucleator, colorant and any other solid additives, and all the blowing agents) processed/month. [District Rule 4682] Federally Enforceable Through Title V Permit
27. Quantity of VOCs from the extruders, captured from reclaim operations, RECOLL, shall be calculated on a monthly basis using the following equation:  $\text{RECOLL} = (\text{SCRAPBA} - \text{RPPBA})$  where SCRAPBA = pounds of thermoformer and extruder scrap VOCs entering the reclaim operations per month from the extruders and RPPBA is the pounds/month RPP VOCs (VOCs in reclaimed polystyrene pellets) made from thermoformer and extruder scrap from the extruders. [District Rule 4682] Federally Enforceable Through Title V Permit
28. District witnessed source testing to demonstrate compliance with VOC and sulfur compound emission limits and RTO control efficiency shall be conducted by independent testing laboratory annually 60 days prior to permit anniversary date. [District Rules 1081 and 2201] Federally Enforceable Through Title V Permit
29. Source testing to demonstrate compliance with District Rule 4682 shall be performed using EPA Methods 25 and 25A for gaseous organics at inlet/outlet of RTO. [District Rule 4682] Federally Enforceable Through Title V Permit
30. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4682. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
31. RTO outlet shall be inspected weekly while in operation for visible emissions. If excessive visible emissions are observed, appropriate action shall be taken. [District Rule 2520] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
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32. Records of control system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] Federally Enforceable Through Title V Permit
33. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 4201, section 3.0 (12/17/92) and 4682, sections 5.1 and 5.2 (6/16/94). [District Rule 2520] Federally Enforceable Through Title V Permit

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

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-5-25

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

## **EQUIPMENT DESCRIPTION:**

RECLAIMED POLYSTYRENE PELLET (RPP) SILOS TO EXTRUDERS TRANSFER OPERATION INCLUDING 10 RPP SILOS, 3 STATIC BAGHOUSES, UNLOADING/AEF MODEL FR-14-9 BAGHOUSE, TWO BLOWERS (30 HP AND 50 HP), AND 10 RPP USE BINS (WITH FILTERS LOCATED NEXT TO EXTRUDERS 501, 502, 503, 504, 505, 506, 507, 508, 509, AND 510)

## **PERMIT UNIT REQUIREMENTS**

1. Reclaimed Polystyrene Pellet (RPP) conveying system shall be equipped with no more than 3 static baghouses. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Total virgin resin and recycled polystyrene pellet (RPP) throughput for permit unit numbers S-892-2 and S-892-5 shall not exceed 302,400 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Particulate matter (PM10) emissions shall not exceed 0.008 lbm-PM10 per 1,000 lbm-RPP. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operator shall maintain records of monthly amount of weight RPP processed and total hours of operation per month and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Operator shall maintain records of daily scheduled hours of operation and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Daily records shall be calculated by the following equation: (scheduled daily hours) x ((total polystyrene foam processed in month)/(total hours of operation in month)). [District Rule 2201] Federally Enforceable Through Title V Permit
7. Visible emissions from the 30 hp vacuum transfer blower exhaust shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0 and 4201, 4.0] Federally Enforceable Through Title V Permit
8. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
9. Dust collectors shall be inspected weekly while in operation for visible emissions. If excessive visible emissions are observed, appropriate action shall be taken, such as bughouse maintenance, cleaning, or replacement of bags as needed [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
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10. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-6-4

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

12,000 GALLON BLOWING AGENT STORAGE VESSEL #1 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE

## PERMIT UNIT REQUIREMENTS

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1. Pressure/vacuum relief valve shall be set at 14 psig and shall maintain working pressures sufficient to prevent organic liquid loss or VOC loss to the atmosphere at all times. [District Rules 4623, 4.0 and 4682, 5.0] Federally Enforceable Through Title V Permit

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San Joaquin Valley  
Air Pollution Control District

PERMIT UNIT: S-892-7-4

EXPIRATION DATE: 01/31/2017

SECTION: NE10 TOWNSHIP: 29S RANGE: 27E

**EQUIPMENT DESCRIPTION:**

12,000 GALLON BLOWING AGENT STORAGE VESSEL #2 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE

## PERMIT UNIT REQUIREMENTS

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1. Pressure/vacuum relief valve shall be set at 14 psig and shall maintain working pressures sufficient to prevent organic liquid loss or VOC loss to the atmosphere at all times. [District Rules 4623, 4.0 and 4682, 5.0] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-8-4

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

12,000 GALLON BLOWING AGENT STORAGE VESSEL #3 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE.

## PERMIT UNIT REQUIREMENTS

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1. Pressure/vacuum relief valve shall be set at 14 psig and shall maintain working pressures sufficient to prevent organic liquid loss or VOC loss to the atmosphere at all times. [District Rules 4623, 4.0 and 4682, 5.0] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-10-35

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

POLYSTYRENE FOAM EXTRUSION PROCESS CONSISTING OF 10 FOAM EXTRUSION LINES

## PERMIT UNIT REQUIREMENTS

1. Operation shall be equipped with roll storage area. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Blowing agent shall consist of isopentane, 10% or greater CO<sub>2</sub> by weight, and methyl formate in amounts necessary to comply with District Rule 4682, Section 5.2.2 on a monthly basis. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
3. Methyl Formate usage shall not exceed 1,975 lb/day. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
4. Particulate matter (PM<sub>10</sub>) emissions shall not exceed 0.008 lbm-PM<sub>10</sub> per 1,000 lbm-polystyrene foam processed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Total Materials Input (TMI) shall include the total material (including virgin and recycled polystyrene, nucleator, colorant and any other solid additives, and all the blowing agents) fed into the extruders or used in making the final product. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Total VOC emissions from polystyrene foam processing, forming, and on-site storage operations S-892-10 and S-892-17 shall not exceed 8.2 lb per ton of TMI. This emission limit is shared between S-892-10 and S-892-17. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
7. Facility TMI shall not exceed 151.2 tons per day (calculated on a monthly average). [District Rule 2201] Federally Enforceable Through Title V Permit
8. The lifetime emissions from total material input (TMI) shall not exceed 2.4 lb-VOC/100 lb-TMI (calculated on a monthly average). [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
9. Total VOC emissions from polystyrene foam processing, forming and on-site storage operations shall not exceed 1,233.8 lbs/day (calculated on a monthly average). [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
10. Total VOC blowing agent consumption for the entire facility shall not exceed 8,867.9 lb/day (calculated on a monthly average). [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
11. Weight of VOC blowing agent retained in finished product shall be determined using EPA approved test method ASTM-D7132-05. [District Rules 1081 and 2201] Federally Enforceable Through Title V Permit
12. Permittee shall perform blowing agent retention testing on an annual basis. Such results will be used to calculate emissions for both the 8.2 lb per ton TMI and 2.4 lb/100 lb-TMI emissions limits. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
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13. VOC emissions from polystyrene foam processing, forming, and on-site storage operations, per ton of TMI shall be calculated on a monthly basis, using the following equation:  $\text{lbs-VOC emitted per ton of TMI} = (2000)[\text{BAI} - (\text{PFP} \cdot \text{BAR}) - \text{BAD} + \text{WH}]/\text{TMI}$  where BAI = pounds VOC blowing agent introduced/month, PFP = pounds of polystyrene foam produced/month, BAR = weight fraction of VOC blowing agent retained in finished product, BAD = pounds of VOC blowing agent destroyed/month in the RTO, WH = pounds of onsite warehouse emissions, and TMI = total materials input/month. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
14. Lifetime emissions of VOC (LE) from total material input (TMI) shall be calculated on a monthly basis using the following equation:  $\text{LE (lb-VOC/100 lb TMI)} = 100 \times [\text{BAI} - (\text{RECOLL} \cdot \text{EFF})]/\text{TMI}$  where BAI = pounds VOC blowing agent used/month, RECOLL = pounds blowing agent captured/month from reclaim operations, EFF = control efficiency of thermal oxidizer, and TMI is the total material (including virgin and recycled polystyrene, nucleator, colorant and any other solid additives, and all the blowing agents) processed/month. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
15. Quantity of VOCs from the extruders, captured from reclaim operations, RECOLL, shall be calculated on a monthly basis using the following equation:  $\text{RECOLL} = (\text{SCRAPBA} - \text{RPPBA})$  where SCRAPBA = pounds of thermoformer and extruder scrap VOCs entering the reclaim operations per month from the extruders and RPPBA is the pounds/month RPP VOCs (VOCs in reclaimed polystyrene pellets) made from thermoformer and extruder scrap from the extruders. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
16. VOC content of thermoformed products and reclaimed polystyrene pellets (RPP) shall be determined on an annual basis. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Based on 2002 source test, RTO capture efficiency for calculational purposes shall be 100%. RTO capture efficiency shall be recalculated within 60 days of any change in equipment or process design. [District Rule 2201] Federally Enforceable Through Title V Permit
18. By the end of each calendar month, the permittee shall record the following information for the previous calendar month: pounds of all blowing agent introduced into the process; pounds of polystyrene foam produced, pounds of thermoformer and extruder scrap entering reclaim operations, pounds of RPP produced, and total hours of operation. The average daily VOC emissions for the month shall be calculated using this data. Such records shall be made readily available for District inspection upon request for a minimum of 5 years. [District Rules 1070, 2201 and 4682] Federally Enforceable Through Title V Permit
19. Operator shall maintain records of mass balance calculations to verify compliance with daily VOC emission limit (calculated on a monthly average) and make such records readily available for District inspection upon request. [District Rules 1070, 2201 and 4682] Federally Enforceable Through Title V Permit
20. Operator shall maintain records of daily actual hours of operation and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Operator shall maintain records of monthly calculations of lifetime emissions and shall make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Average daily amount of material input to extruders shall be calculated as follows:  $(\text{actual daily hours}) \times ((\text{total polystyrene foam processed in month})/(\text{total hours of operation in month}))$ . [District Rule 2201] Federally Enforceable Through Title V Permit
23. Annual records of VOC content of thermoformed products, VOC content of RPP, and RTO control efficiency shall be made available for District inspection upon request for a period of 5 years. [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:** S-892-11-7

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

250 BHP CUMMINS MODEL NT-855-11 DIESEL-FIRED EMERGENCY IC ENGINE POWERING A FIREWATER PUMP

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
2. Compliance with Kern County Rule 407 and District Rule 4801 may be demonstrated by either using Air Resources Board regulated diesel fuel or by testing the sulfur content of each load of fuel and showing the sulfur content to be less than 3.0% by weight. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201 and 4801, 3.0, and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [17 CCR 93115] Federally Enforceable Through Title V Permit
5. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115] Federally Enforceable Through Title V Permit
6. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, and the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.). For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain readily accessible written record of the automated testing schedule. [District Rules 4702, 6.0 and 17 CCR 93115] Federally Enforceable Through Title V Permit
7. Permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
8. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
9. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
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10. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
11. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
12. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201 and 4702, and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
13. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
14. Permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [District Rule 1070 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
15. Permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-12-4

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

REPROCESSED POLYSTYRENE PELLETT (RPP) BOX DUMPER OPERATION (24 TOTAL HP)

## PERMIT UNIT REQUIREMENTS

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1. Box dumper system shall be equipped with one 20 hp Sutorbilt model 6MVF blower. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Box dumper system shall be equipped with no more than two 75 cubic foot bins, each with a 1 hp hydraulic dumper and a 1 hp rotary airlock. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Box dumper operation shall not process more than 60,000 lbm recycled polystyrene pellets (RPP) per day and 7,200,000 lbm RPP per year. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Particulate matter (PM10) emissions shall not exceed 0.15 lb per 1,000 lbm-RPP processed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Operator shall maintain daily records of process weight rate and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0 and 4101, 6.0] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-17-27

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

THERMOFORMING OPERATION WITH 17 THERMOFORMING LINES INCLUDING THERMOFORMERS, HEAT TUNNELS AND TRIM PRESSES

## PERMIT UNIT REQUIREMENTS

1. Total Materials Input (TMI) shall include the total material (including virgin and recycled polystyrene, nucleator, colorant and any other solid additives, and all the blowing agents) fed into the extruders or used in making the final product. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Total VOC emissions from polystyrene foam processing, forming, and on-site storage operations S-892-10 and S-892-17 shall not exceed 8.2 lb per ton of TMI. This emission limit is shared between S-892-10 and S-892-17. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
3. At the end of each calendar month, the permittee shall record the following information for that calendar month: pounds of VOC blowing agent introduced into the process; pounds of polystyrene foam produced, pounds of thermoformer and extruder scrap entering reclaim operations, pounds of RPP produced, and total hours of operation. Such records shall be made readily available for District inspection upon request. [District Rules 1070, 2201 and 4682] Federally Enforceable Through Title V Permit
4. Operator shall maintain records of daily actual hours of operation and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Average daily amount of material input to extruders shall be calculated as follows: (actual daily hours) x ((total polystyrene foam processed in month)/(total hours of operation in month)). [District Rule 2201] Federally Enforceable Through Title V Permit
6. Weight of VOC blowing agent retained in finished product shall be determined using test method ASTM-D7132-05. [District Rules 1081 and 2201] Federally Enforceable Through Title V Permit
7. Permittee shall perform blowing agent retention testing on an annual basis. Such results will be used to calculate emissions for both the 8.2 lb per ton TMI and 2.4 lb/100 lb-TMI emissions limits. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
8. Operator shall maintain records of mass balance calculations to verify compliance with VOC emission limit (calculated on a monthly average) and make such records readily available for District inspection upon request. [District Rule 1070, 2201, and 4682] Federally Enforceable Through Title V Permit
9. VOC emissions from polystyrene foam processing, forming, and on-site storage operations, per ton of TMI shall be calculated on a monthly basis, using the following equation: lbs-VOC emitted per ton of TMI = (2000)[BAI - (PFP\*BAR) - BAD+WH]/TMI where BAI = pounds VOC blowing agent introduced/month, PFP = pounds of polystyrene foam produced/month, BAR = weight fraction of VOC blowing agent retained in finished product, BAD = pounds of VOC blowing agent destroyed/month in the RTO, WH = pounds of onsite warehouse emissions, and TMI = total materials input/month. [District Rules 2201 and 4682] 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. Annual records of VOC content of thermoformed products, VOC content of RPP, and RTO control efficiency shall be made available for District inspection upon request for a period of 5 years. [District Rules 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:** S-892-22-2

**EXPIRATION DATE:** 01/31/2017

**EQUIPMENT DESCRIPTION:**

18,000 GALLON METHYL FORMATE PRESSURE VESSEL STORAGE TANK

## PERMIT UNIT REQUIREMENTS

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1. This pressure vessel shall maintain working pressures sufficient to prevent organic liquid loss or VOC loss to the atmosphere at all times. [District Rules 2201 and 4623, 4.0] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-23-7

**EXPIRATION DATE:** 01/31/2017

**EQUIPMENT DESCRIPTION:**

POLYSTYRENE, POLYETHYLENE AND/OR POLYPROPYLENE RESIN RECEIVING AND STORAGE OPERATION INCLUDING ONE 4300 CUBIC FOOT AND ONE 3000 CUBIC FOOT STORAGE SILOS WITH BIN VENT FILTERS

## PERMIT UNIT REQUIREMENTS

1. The bin vent filter 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
2. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0 and 4201, 4.0] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
4. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
5. The combined maximum quantity of polystyrene/polypropylene/polyethylene resin transferred into the storage silos shall not exceed either of the following limits: 400,000 lbs of resin per day or 21,000,000 lbs of resin per year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Emissions from each of the bin vent filters serving the storage silos shall not exceed 0.0002018 lb-PM10/1000 lb of resin transferred into each silo. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The bin vent filters shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The bin vent filters 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 the bin vent filters shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
10. A spare set of filters shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Differential operating pressure of the bin vent filters shall be monitored when the silo is receiving product. [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. Records of all maintenance of each bin vent filter, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Operator shall maintain records of amount of polystyrene/polypropylene/polyethylene resin received, at least on a monthly basis, and days on which transfer to the silos occurs. [District Rule 2201] Federally Enforceable Through Title V Permit

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

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-24-5

**EXPIRATION DATE:** 01/31/2017

**EQUIPMENT DESCRIPTION:**

POLYSTYRENE, POLYPROPYLENE AND POLYETHYLENE LOADOUT AND TRANSFER OPERATION INCLUDING VACUUM BLOWERS SERVED BY AIR DISCHARGE FABRIC FILTER COLLECTOR TRANSPORTING RESIN TO DAY BIN STORAGE AND MIXING BINS AND PERMIT EXEMPT INJECTION MOLDING MACHINES (NO PLASTICIZER OR BLOWING AGENT PRESENT)

## PERMIT UNIT REQUIREMENTS

1. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0 and 4201, 4.0] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
3. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
4. Emissions from the fabric filter serving the loadout and transfer operation shall not exceed 0.000706 lb-PM10/1000 lb of resin transferred out of each silo. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The combined maximum quantity of polystyrene/polypropylene/polyethylene resin transferred out of the storage silos shall not exceed either of the following limits: 57,535 lbs of resin per day or 21,000,000 lbs of resin per year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The fabric filter shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The fabric filters 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 fabric filter shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. A spare set of filters shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Records of all maintenance of the fabric filter, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Operator shall maintain records of monthly amount of polystyrene/polypropylene/polyethylene resin transferred and total hours of operation per month. [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. Operator shall maintain records of daily scheduled hours of operation. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Daily records shall be calculated by the following equation: (scheduled daily hours) x ((total polystyrene/polypropylene/polyethylene resin transferred in month)/(total hours of operation in month)). [District Rule 2201] Federally Enforceable Through Title V Permit

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

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-25-5

**EXPIRATION DATE:** 01/31/2017

**EQUIPMENT DESCRIPTION:**

OFFLINE POLYSTYRENE, POLYPROPYLENE AND POLYETHYLENE SCRAP GRINDING OPERATION CONSISTING OF TWO GRINDERS EACH SERVED BY CYCLONE VENTED TO A FABRIC SOCK FILTER

## PERMIT UNIT REQUIREMENTS

1. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0 and 4201, 4.0] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
3. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Sock filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
4. Emissions from each of the sock filters serving the grinding operation shall not exceed 0.000585 lb-PM10/1000 lb of scrap processed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The combined maximum quantity of polystyrene/polypropylene/polyethylene scrap processed shall not exceed either of the following limits: 1,726 lbs of scrap per day or 630,000 lbs of scrap per year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The sock filters shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The sock filters 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 sock filters shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. A spare set of filters shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Records of all maintenance of each sock filter, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Operator shall maintain records of monthly amount of polystyrene/polypropylene/polyethylene scrap processed and total hours of operation per month. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Operator shall maintain records of daily scheduled hours of operation. [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. Daily records shall be calculated by the following equation:  $(\text{scheduled daily hours}) \times ((\text{total polystyrene/polypropylene/polyethylene scrap processed in month}) / (\text{total hours of operation in month}))$ . [District Rule 2201] 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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# Permit to Operate

**FACILITY:** S-892

**EXPIRATION DATE:** 01/31/2017

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

PACTIV LLC  
2024 NORRIS RD  
BAKERSFIELD, CA 93308-2297

**FACILITY LOCATION:**

2024 NORRIS RD  
BAKERSFIELD, CA 93308-2297

**FACILITY DESCRIPTION:**

PLASTICS FOAM PRODUCTS

The Facility's Permit to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

This Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

**Seyed Sadredin**  
Executive Director / APCO

**Arnaud Marjollet**  
Director of Permit Services

# San Joaquin Valley Air Pollution Control District

FACILITY: S-892-0-3

EXPIRATION DATE: 01/31/2017

## 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, 6.0; and Kern County Rule 111] Federally Enforceable Through Title V Permit
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; and Kern County Rule 111] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (8/18/11). [District Rules 2010, 3.0, 4.0; and 2020, 5.0, 6.0, 7.0] 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, 9.0] 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, 2.0] 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, 3.0] Federally Enforceable Through Title V Permit
8. The operator shall maintain records of required monitoring that include, where appropriate: 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, 9.0] Federally Enforceable Through Title V Permit
9. All Title V records required by conditions on this permit shall be readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The results of each source test required by the conditions in this permit, shall be submitted to the District within 60 days thereafter. [District Rule 1081, 7.0] 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: PACTIV LLC  
Location: 2024 NORRIS RD, BAKERSFIELD, CA 93308-2297

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11. 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, 9.0] Federally Enforceable Through Title V Permit
12. 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, 9.0] Federally Enforceable Through Title V Permit
13. 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, 9.0; and 1100, 7.0] Federally Enforceable Through Title V Permit
14. 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, 9.0] Federally Enforceable Through Title V Permit
15. 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, 9.0] Federally Enforceable Through Title V Permit
16. 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, 9.0] Federally Enforceable Through Title V Permit
17. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
18. 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, 9.0] Federally Enforceable Through Title V Permit
19. 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, 9.0] Federally Enforceable Through Title V Permit
20. 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, 9.0] Federally Enforceable Through Title V Permit
21. 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, 9.0] Federally Enforceable Through Title V Permit
22. 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, 9.0] Federally Enforceable Through Title V Permit
23. 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, 9.0] Federally Enforceable Through Title V Permit

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



24. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (2/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, 5.0; and County Rules 401 (in all eight counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
25. No person shall manufacture, blend, repackage, supply, sell, solicit or apply any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards of District Rule 4601 (12/17/09) for use or sale within the District. [District Rule 4601, 5.0] Federally Enforceable Through Title V Permit
26. All VOC-containing materials for architectural coatings subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.0] Federally Enforceable Through Title V Permit
27. 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, 6.0] Federally Enforceable Through Title V Permit
28. 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, 9.0 and 10.0] Federally Enforceable Through Title V Permit
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR 82, Subpart B. [40 CFR 82, Subpart B] Federally Enforceable Through Title V Permit
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8021, 4.0, 5.0; and 8011 4.0 and 5.0] Federally Enforceable Through Title V Permit
32. Outdoor handling, storage and transport of any bulk material which emits dust shall comply with the requirements of District Rule 8031, unless specifically exempted under Section 4.0 of Rule 8031 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8031, 4.0, 5.0; and 8011, 4.0 and 5.0] Federally Enforceable Through Title V Permit
33. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8041, 4.0, 5.0; and 8011, 4.0, 5.0] Federally Enforceable Through Title V Permit
34. Whenever open areas are disturbed or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8051, 4.0, 5.0; and 8011, 4.0, 5.0] Federally Enforceable Through Title V Permit
35. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8061, 4.0, 5.0; and 8011, 4.0, and 5.0] Federally Enforceable Through Title V Permit
36. Any unpaved vehicle/equipment area that anticipates more than 75 vehicle trips per day shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 100 vehicle trips per day shall comply with the requirements of Section 5.1.2 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (8/19/04) or Rule 8011 (8/19/04). [District Rules 8071, 4.0 and 5.0; and 8011, 4.0 and 5.0] 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.

37. 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
38. 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, 9.0] Federally Enforceable Through Title V Permit
39. 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, 5.0] Federally Enforceable Through Title V Permit
40. 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, 9.0] Federally Enforceable Through Title V Permit
41. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Kern County Rules 111, 407 and 401. A permit shield is granted from these requirements. [District Rule 2520, 13.0] Federally Enforceable Through Title V Permit
42. 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); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4201 (12/17/92); 4601, sections 5.1, 5.2, 5.3, 5.8 and 8.0 (12/17/09); 4623 (5/19/05); 4682 sections 5.1 and 5.2 (9/20/07); 4801 (12/17/92); 8021 (8/19/04); 8031 (8/19/04); 8041 (8/19/04); 8051 (8/19/04); 8061 (8/19/04); and 8071 (8/19/04). A permit shield is granted from these requirements. [District Rule 2520, 13.0] Federally Enforceable Through Title V Permit
43. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
44. Records of visible emissions inspections shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
45. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request [District Rule 4702, 6.0; and 17 CCR 93115] Federally Enforceable Through Title V Permit
46. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report begin July 15 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, 9.0] Federally Enforceable Through Title V Permit
47. The facility shall submit to the proper authority a Risk Management Plan, and comply with all the requirements of Program 1, 2, or 3. [40 CFR Part 68] Federally Enforceable Through Title V Permit
48. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102, 4.0]

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-1-10

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

VIRGIN RESIN UNLOADING AND STORAGE INCLUDING RAIL CAR UNLOADING FILTER/RECEIVER WITH 75 HP EXHAUST BLOWER, 60 HP FEED BLOWER, FOUR STORAGE SILOS, AND ONE FABRIC DUST COLLECTOR

## PERMIT UNIT REQUIREMENTS

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1. Virgin resin silo vents shall vent only to fabric dust collector. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Materials collected in fabric dust collector shall be recycled into virgin resin silos or disposed of in a manner preventing emissions to the atmosphere. [District Rule 4102, 4.1]
3. The fabric dust collector shall be maintained in proper working order. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
5. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rules 2520, 9.0; and 4101, 6.0] Federally Enforceable Through Title V Permit
6. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-2-23

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

VIRGIN RESIN STORAGE TO EXTRUDERS TRANSFER OPERATION INCLUDING AEF MODEL FR-14-9 BAGHOUSE, TWO BLOWERS (30 AND 60 HP) AND 10 VIRGIN RESIN USE BINS (WITH FILTERS LOCATED NEXT TO EXTRUDERS 501, 502, 503, 504, 505, 506, 507, 508, 509, AND 510)

## PERMIT UNIT REQUIREMENTS

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1. Total virgin resin and recycled polystyrene pellet (RPP) throughput for permit unit #'s S-892-2 and S-892-5 shall not exceed 302,400 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Particulate matter (PM-10) emissions shall not exceed 0.008 lbm PM-10 per 1,000 lbm virgin resin. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operator shall maintain records of monthly amount of weight virgin resin processed and total hours of operation per month and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operator shall maintain records of daily scheduled hours of operation and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Daily records shall be calculated by the following equation: (scheduled daily hours) x ((total polystyrene foam processed in month) / (total hours of operation in month)). [District Rule 2201] Federally Enforceable Through Title V Permit
6. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
7. Visible emissions from the 30 hp vacuum transfer blower exhaust shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0; and 4201, 4.0] Federally Enforceable Through Title V Permit
8. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-4-30

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

POLYSTYRENE FLUFF RECLAIM OPERATION INCLUDING 17 TRIM GRINDERS, SIX RECLAIM GRANULATORS, FLUFF TRANSFER AND STORAGE IN 11 FLUFF STORAGE SILOS, THREE RECLAIM EXTRUDER LINES, VOC VAPOR COLLECTION SYSTEM, AND SMITH ENGINEERING REGENERATIVE THERMAL OXIDIZER (RTO)

## PERMIT UNIT REQUIREMENTS

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1. Storage silos shall be maintained gas tight. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Trim grinders units and reclaim granulator units shall be vented only to the fluff feed silos with fabric collectors. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Operation shall be equipped with no more than 11 fluff storage silos each with separate fabric collectors, 6 of which have live bottom bins, and all venting to the RTO. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The VOC vapor collection system shall serve 3 fluff feed silo fabric collector exhausts, 3 extruder vents including vapor mix box #MB-2 and vapor booster fan exhausting to mix box #MB-1. [District Rule 2201 and District Rule 4682] Federally Enforceable Through Title V Permit
5. Operation shall include no more than 3 reclaim extruder lines with underwater pelletizer systems, air driers, and 3 pelletizer blowers. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Operation shall include VOC vapor collection system exhausting to RTO serving 11 fluff storage silos including mix box #MB-1. [District Rule 2201] Federally Enforceable Through Title V Permit
7. RTO shall be equipped with 3 heat exchanger beds filled with ceramic media, combustion chamber, two 8 MMBtu/hr burners, combustion air fan and induced draft exhaust fan. [District Rule 2201 and District Rule 4682] Federally Enforceable Through Title V Permit
8. RTO beds smokeless burnout system shall include burnout fan and ducting from outlet side of heat exchanger beds to combustion chamber. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Fluff transfer and reclaim resin storage operation shall not operate or produce VOC emissions during RTO burnout process. [District Rule 2201] Federally Enforceable Through Title V Permit
10. RTO burners shall be fired exclusively with PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Fuel gas sulfur content shall not exceed 0.25 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Fuel gas flowrate to RTO burners shall not exceed 16,000 scf per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
13. RTO combustion chamber temperature shall be maintained at no less than 1350 deg. F. [District Rule 4682] Federally Enforceable Through Title V Permit
14. The blowing agent vapor residence time in RTO firebox shall be maintained at no less than 1.0 second. [District Rule 4682] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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15. The blowing agent vapor collection and incineration efficiency shall be maintained at no less than 95% by weight. [District Rule 4682] Federally Enforceable Through Title V Permit
16. Ambient air flow into vapor control system shall be regulated at mix boxes and shall not exceed amount required to maintain vapor concentration below lower explosive limit (LEL). [District Rule 2201 and District Rule 4682] Federally Enforceable Through Title V Permit
17. Permittee shall maintain accurate records of vapor control system operation conditions (RTO operating temperature, fuel gas flowrate, etc.). [District Rule 4682] Federally Enforceable Through Title V Permit
18. Records required by conditions on this permit shall be made readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Particulate matter (PM10) emission rate at RTO exhaust shall not exceed 14.6 pounds per day. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Maximum emission rate of SO<sub>x</sub> (as SO<sub>2</sub>) shall not exceed 0.01 pound per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
21. Maximum emission rate of volatile organic compounds (VOC) shall not exceed 7.69 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Maximum emission rate of oxides of nitrogen (NO<sub>x</sub>) shall not exceed 2.24 pounds per hour (as NO<sub>2</sub>). [District Rule 2201] Federally Enforceable Through Title V Permit
23. Maximum emission rate of carbon monoxide (CO) shall not exceed 0.56 pounds per hour. [District Rule 2201] Federally Enforceable Through Title V Permit
24. District witnessed source testing to demonstrate compliance with VOC and sulfur compound emission limits and RTO control efficiency shall be conducted by independent testing laboratory annually 60 days prior to permit anniversary date. [District Rule 2201 and District Rule 1081] Federally Enforceable Through Title V Permit
25. Results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
26. Source testing to demonstrate compliance with District Rule 4682 shall be performed using EPA Methods 25 and 25A for gaseous organics at inlet/outlet of RTO. [District Rule 4682] Federally Enforceable Through Title V Permit
27. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4682. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit
28. RTO outlet shall be inspected weekly while in operation for visible emissions. If excessive visible emissions are observed, appropriate action shall be taken. [District Rule 2520] Federally Enforceable Through Title V Permit
29. Records of control system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] Federally Enforceable Through Title V Permit
30. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 4201, section 3.0 (12/17/92) and 4682, sections 5.1 and 5.2 (6/16/94). [District Rule 2520] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-5-24

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

RECLAIMED POLYSTYRENE PELLET (RPP) SILOS TO EXTRUDERS TRANSFER OPERATION INCLUDING 10 RPP SILOS, 3 STATIC BAGHOUSES, UNLOADING/AEF MODEL FR-14-9 BAGHOUSE, TWO BLOWERS ( 30 HP AND 50 HP), AND 10 RPP USE BINS (WITH FILTERS LOCATED NEXT TO EXTRUDERS 501, 502, 503, 504, 505, 506, 507, 508, 509, AND 510)

## PERMIT UNIT REQUIREMENTS

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1. Reclaimed Polystyrene Pellet (RPP) conveying system shall be equipped with no more than 3 static baghouses. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Total virgin resin and recycled polystyrene pellet (RPP) throughput for permit unit #'s S-892-2 and S-892-5 shall not exceed 302,400 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Particulate matter (PM-10) emissions shall not exceed 0.008 lbm PM-10 per 1,000 lbm RPP. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Operator shall maintain records of monthly amount of weight RPP processed and total hours of operation per month and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Operator shall maintain records of daily scheduled hours of operation and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Daily records shall be calculated by the following equation: (scheduled daily hours) x ((total polystyrene foam processed in month) / (total hours of operation in month)). [District Rule 2201] Federally Enforceable Through Title V Permit
7. Visible emissions from the 30 hp vacuum transfer blower exhaust shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0; and 4201, 4.0] Federally Enforceable Through Title V Permit
8. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0; and Kern County Rule 404] Federally Enforceable Through Title V Permit
9. Dust collectors shall be inspected weekly while in operation for visible emissions. If excessive visible emissions are observed, appropriate action shall be taken, such as bughouse maintenance, cleaning, or replacement of bags as needed [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
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10. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-6-3

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

12,000 GALLON BLOWING AGENT STORAGE VESSEL #1 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE

## PERMIT UNIT REQUIREMENTS

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1. Pressure/vacuum relief valve shall be set at 14 psig and shall maintain working pressures sufficient to prevent organic liquid loss or VOC loss to the atmosphere at all times. [District Rules 4623, 4.0; 4682, 5.0] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-7-3

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

12,000 GALLON BLOWING AGENT STORAGE VESSEL #2 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE

## PERMIT UNIT REQUIREMENTS

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1. Pressure/vacuum relief valve shall be set at 14 psig and shall maintain working pressures sufficient to prevent organic liquid loss or VOC loss to the atmosphere at all times. [District Rules 4623, 4.0; and 4682, 5.0] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-8-3

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

12,000 GALLON BLOWING AGENT STORAGE VESSEL #3 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE.

## PERMIT UNIT REQUIREMENTS

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1. Pressure/vacuum relief valve shall be set at 14 psig and shall maintain working pressures sufficient to prevent organic liquid loss or VOC loss to the atmosphere at all times. [District Rules 4623, 4.0; and 4682, 5.0] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-10-36

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

POLYSTYRENE FOAM EXTRUSION PROCESS CONSISTING OF 10 FOAM EXTRUSION LINES

## PERMIT UNIT REQUIREMENTS

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1. Operation shall be equipped with roll storage area. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Blowing agent shall consist of isopentane, 10% or greater CO<sub>2</sub> by weight, and methyl formate in amounts necessary to comply with District Rule 4682, Section 5.3.1 on a monthly basis. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
3. Methyl Formate usage shall not exceed 1,975 lb/day. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
4. Particulate matter (PM-10) emissions shall not exceed 0.008 lbm PM-10 per 1,000 lbm polystyrene foam processed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Total Materials Input (TMI) shall include the total material (including virgin and recycled polystyrene, nucleator, colorant and any other solid additives, and all the blowing agents) fed into the extruders or used in making the final product. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Total VOC emissions from polystyrene foam processing, forming, and on-site storage operations S-892-10 and S-892-17 shall not exceed 8.2 lb per ton of TMI. This emission limit is shared between S-892-10 and S-892-17. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
7. Facility TMI shall not exceed 151.2 tons per day (calculated on a monthly average). [District Rule 2201] Federally Enforceable Through Title V Permit
8. The lifetime emissions from total material input (TMI) shall not exceed 2.4 lb VOC/100 lb TMI (calculated on a monthly average). [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
9. Total VOC emissions from polystyrene foam processing, forming and on-site storage operations shall not exceed 1,233.8 lbs/day (calculated on a monthly average). [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
10. Total VOC blowing agent consumption for the entire facility shall not exceed 8,867.9 lb/day (calculated on a monthly average). [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
11. Weight of VOC blowing agent retained in finished product shall be determined using test method ASTM-D7132-05. [District Rules 1081 and 2201] Federally Enforceable Through Title V Permit
12. Permittee shall perform blowing agent retention testing on an annual basis. Such results will be used to calculate emissions for both the 8.2 lb per ton TMI and 2.4 lb/100 lb TMI emissions limits. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE  
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13. VOC emissions from polystyrene foam processing, forming, and on-site storage operations, per ton of TMI shall be calculated on a monthly basis, using the following equation:  $\text{lbs VOC emitted per ton of TMI} = (2000)[\text{BAI} - (\text{PFP} \cdot \text{BAR}) - \text{BAD} + \text{WH}] / \text{TMI}$  where BAI = pounds VOC blowing agent introduced/month, PFP = pounds of polystyrene foam produced/month, BAR = weight fraction of VOC blowing agent retained in finished product, BAD = pounds of VOC blowing agent destroyed/month in the RTO, WH = pounds of onsite warehouse emissions, and TMI = total materials input/month. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
14. Lifetime emissions of VOC (LE) from total material input (TMI) shall be calculated on a monthly basis using the following equation:  $\text{LE (lb VOC/100 lb TMI)} = 100 \times [\text{BAI} - (\text{RECOLL} \cdot \text{EFF})] / \text{TMI}$  where BAI = pounds VOC blowing agent used/month, RECOLL = pounds blowing agent captured/month from reclaim operations, EFF = control efficiency of thermal oxidizer, and TMI is the total material (including virgin and recycled polystyrene, nucleator, colorant and any other solid additives, and all the blowing agents) processed/month. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
15. Quantity of VOCs from the extruders, captured from reclaim operations, RECOLL, shall be calculated on a monthly basis using the following equation:  $\text{RECOLL} = (\text{SCRAPBA} - \text{RPPBA})$  where SCRAPBA = pounds of thermoformer and extruder scrap VOCs entering the reclaim operations per month from the extruders and RPPBA is the pounds/month RPP VOCs (VOCs in reclaimed polystyrene pellets) made from thermoformer and extruder scrap from the extruders. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
16. VOC content of thermoformed products and reclaimed polystyrene pellets (RPP) shall be determined on an annual basis. [District Rule 2201] Federally Enforceable Through Title V Permit
17. RTO control efficiency shall be determined on an annual basis. [District Rule 2201] Federally Enforceable Through Title V Permit
18. Based on 2002 source test, RTO capture efficiency for calculational purposes shall be 100%. RTO capture efficiency shall be recalculated within 60 days of any change in equipment or process design. [District Rule 2201] Federally Enforceable Through Title V Permit
19. By the end of each calendar month, the permittee shall record the following information for the previous calendar month: pounds of all blowing agent introduced into the process; pounds of polystyrene foam produced, pounds of thermoformer and extruder scrap entering reclaim operations, pounds of RPP produced, and total hours of operation. The average daily VOC emissions for the month shall be calculated using this data. Such records shall be made readily available for District inspection upon request. [District Rules 1070, 2201 and 4682] Federally Enforceable Through Title V Permit
20. Operator shall maintain records of mass balance calculations to verify compliance with daily VOC emission limit (calculated on a monthly average) and make such records readily available for District inspection upon request. [District Rules 1070, 2201 and 4682] Federally Enforceable Through Title V Permit
21. Operator shall maintain records of daily actual hours of operation and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
22. Operator shall maintain records of monthly calculations of lifetime emissions and shall make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
23. Average daily amount of material input to extruders shall be calculated as follows:  $(\text{actual daily hours}) \times ((\text{total polystyrene foam processed in month}) / (\text{total hours of operation in month}))$ . [District Rule 2201] Federally Enforceable Through Title V Permit
24. Annual records of VOC content of thermoformed products, VOC content of RPP, and RTO control efficiency shall be made available for District inspection upon request for a period of 5 years. [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:** S-892-11-6

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

250 BHP CUMMINS MODEL NT-855-11 DIESEL FIRED I.C. ENGINE POWERING AN EMERGENCY FIREWATER PUMP

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
2. Compliance with Kern County Rule 407 and District Rule 4801 may be demonstrated by either using Air Resources Board regulated diesel fuel or by testing the sulfur content of each load of fuel and showing the sulfur content to be less than 3.0% by weight. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
3. Only CARB certified diesel fuel containing not more than 0.0015% sulfur by weight is to be used. [District Rules 2201; 4801, 3.0; and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. For testing purposes, the engine shall only be operated the number of hours necessary to comply with the testing requirements of the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems", 1998 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rule 4702, 4.0; and 17 CCR 93115] Federally Enforceable Through Title V Permit
5. The permittee shall maintain monthly records of the type of fuel purchased, the amount of fuel purchased, date when the fuel was purchased, signature of the permittee who received the fuel, and signature of the fuel supplier indicating that the fuel was delivered. [17 CCR 93115] Federally Enforceable Through Title V Permit
6. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, and the purpose of the operation (for example: load testing, weekly testing, rolling blackout, general area power outage, etc.). For units with automated testing systems, the operator may, as an alternative to keeping records of actual operation for testing purposes, maintain readily accessible written record of the automated testing schedule. [District Rules 4702, 6.0; and 17 CCR 93115] Federally Enforceable Through Title V Permit
7. Permittee must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
8. The engine shall be in full compliance with 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
9. The engine's oil and filter shall be changed every 500 hours of operation or every 12 months, whichever comes first. [40 CFR 63 Subpart ZZZZ] 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. The engine's air filter shall be inspected every 1,000 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
11. The engine's hoses and belts shall be inspected every 500 hours of operation or every 12 months, whichever comes first, and replaced as necessary. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
12. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rules 2201 and 4702 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
13. This engine shall be operated only for maintenance, testing, required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes shall not exceed 100 hours per year. [District Rule 4702 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
14. Permittee shall maintain monthly records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment. The permittee shall also maintain monthly records of action taken during periods of malfunction to minimize emissions in accordance with §63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [District Rule 1070 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
15. Permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d of Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit
16. 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 4702 and 40 CFR 63 Subpart ZZZZ] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-12-3

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

REPROCESSED POLYSTYRENE PELLET (RPP) BOX DUMPER OPERATION (24 TOTAL HP) .

## PERMIT UNIT REQUIREMENTS

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1. Box dumper system shall be equipped with one 20 hp Sutorbilt model 6MVF blower. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Box dumper system shall be equipped with no more than two 75 cubic foot bins, each with a 1 hp hydraulic dumper and a 1 hp rotary airlock. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Box dumper operation shall not process more than 60,000 lbm recycled polystyrene pellets (RPP) per day and 7,200,000 lbm RPP per year. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Particulate matter (PM-10) emissions shall not exceed 0.15 lb per 1,000 lbm RPP processed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Operator shall maintain daily records of process weight rate and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; and 4101, 6.0] Federally Enforceable Through Title V Permit

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



# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-17-26

**EXPIRATION DATE:** 01/31/2017

**SECTION:** NE10 **TOWNSHIP:** 29S **RANGE:** 27E

**EQUIPMENT DESCRIPTION:**

THERMOFORMING OPERATION WITH 17 THERMOFORMING LINES INCLUDING THERMOFORMERS, HEAT TUNNELS AND TRIM PRESSES

## PERMIT UNIT REQUIREMENTS

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1. Total Materials Input (TMI) shall include the total material (including virgin and recycled polystyrene, nucleator, colorant and any other solid additives, and all the blowing agents) fed into the extruders or used in making the final product. [District Rule 2201] Federally Enforceable Through Title V Permit
2. Total VOC emissions from polystyrene foam processing, forming, and on-site storage operations S-892-10 and S-892-17 shall not exceed 8.2 lb per ton of TMI. This emission limit is shared between S-892-10 and S-892-17. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
3. At the end of each calendar month, the permittee shall record the following information for that calendar month: pounds of VOC blowing agent introduced into the process; pounds of polystyrene foam produced, pounds of thermoformer and extruder scrap entering reclaim operations, pounds of RPP produced, and total hours of operation. Such records shall be made readily available for District inspection upon request. [District Rule 2201, 1070 and 4682] Federally Enforceable Through Title V Permit
4. Operator shall maintain records of daily actual hours of operation and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Average daily amount of material input to extruders shall be calculated as follows: (actual daily hours) x ((total polystyrene foam processed in month)/(total hours of operation in month)). [District Rule 2201] Federally Enforceable Through Title V Permit
6. Weight of VOC blowing agent retained in finished product shall be determined using test method ASTM-D7132-05. [District Rules 1081 and 2201] Federally Enforceable Through Title V Permit
7. Permittee shall perform blowing agent retention testing on an annual basis. Such results will be used to calculate emissions for both the 8.2 lb per ton TMI and 2.4 lb/100 lb TMI emissions limits. [District Rules 2201 and 4682] Federally Enforceable Through Title V Permit
8. Operator shall maintain records of mass balance calculations to verify compliance with VOC emission limit and make such records readily available for District inspection upon request. [District Rule 2201] Federally Enforceable Through Title V Permit
9. VOC emissions from polystyrene foam processing, forming, and on-site storage operations, per ton of TMI shall be calculated on a monthly basis, using the following equation: lbs VOC emitted per ton of TMI = (2000)[BAI - (PPF\*BAR) - BAD+WH]/TMI where BAI = pounds VOC blowing agent introduced/month, PPF = pounds of polystyrene foam produced/month, BAR = weight fraction of VOC blowing agent retained in finished product, BAD = pounds of VOC blowing agent destroyed/month in the RTO, WH = pounds of onsite warehouse emissions, and TMI = total materials input/month. [District Rules 2201 and 4682] 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. Annual records of VOC content of thermoformed products, VOC content of RPP, and RTO control efficiency shall be made available for District inspection upon request for a period of 5 years. [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:** S-892-22-1

**EXPIRATION DATE:** 01/31/2017

**EQUIPMENT DESCRIPTION:**

18,000 GALLON METHYL FORMATE PRESSURE VESSEL STORAGE TANK

## PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This pressure vessel shall maintain working pressures sufficient to prevent organic liquid loss or VOC loss to the atmosphere at all times. [District Rule 2201; and 4623, 4.0] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-23-6

**EXPIRATION DATE:** 01/31/2017

**EQUIPMENT DESCRIPTION:**

POLYSTYRENE, POLYETHYLENE AND/OR POLYPROPYLENE RESIN RECEIVING AND STORAGE OPERATION INCLUDING ONE 4300 CUBIC FOOT AND ONE 3000 CUBIC FOOT STORAGE SILOS WITH BIN VENT FILTERS

## PERMIT UNIT REQUIREMENTS

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1. The bin vent filter 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
2. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0; and 4201, 4.0] Federally Enforceable Through Title V Permit
3. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
4. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
5. The combined maximum quantity of polystyrene/polypropylene/polyethylene resin transferred into the storage silos shall not exceed either of the following limits: 400,000 lbs of resin per day or 21,000,000 lbs of resin per year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Emissions from each of the bin vent filters serving the storage silos shall not exceed 0.0002018 lb-PM10/1000 lb of resin transferred into each silo. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The bin vent filters shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The bin vent filters 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 the bin vent filters shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
10. A spare set of filters shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Differential operating pressure of the bin vent filters shall be monitored when the silo is receiving product. [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. Records of all maintenance of each bin vent filter, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Operator shall maintain records of amount of polystyrene/polypropylene/polyethylene resin received, at least on a monthly basis, and days on which transfer to the silos occurs. [District Rule 2201] Federally Enforceable Through Title V Permit
14. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-24-4

**EXPIRATION DATE:** 01/31/2017

**EQUIPMENT DESCRIPTION:**

POLYSTYRENE, POLYPROPYLENE AND POLYETHYLENE LOADOUT AND TRANSFER OPERATION INCLUDING VACUUM BLOWERS SERVED BY AIR DISCHARGE FABRIC FILTER COLLECTOR TRANSPORTING RESIN TO DAY BIN STORAGE AND MIXING BINS AND PERMIT EXEMPT INJECTION MOLDING MACHINES (NO PLASTICIZER OR BLOWING AGENT PRESENT)

## PERMIT UNIT REQUIREMENTS

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1. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0; and 4201, 4.0] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
3. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Dust collector filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
4. Emissions from the fabric filter serving the loadout and transfer operation shall not exceed 0.000706 lb-PM10/1000 lb of resin transferred out of each silo. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The combined maximum quantity of polystyrene/polypropylene/polyethylene resin transferred out of the storage silos shall not exceed either of the following limits: 57,535 lbs of resin per day or 21,000,000 lbs of resin per year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The fabric filter shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The fabric filters 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 fabric filter shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. A spare set of filters shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Records of all maintenance of the fabric filter, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Operator shall maintain records of monthly amount of polystyrene/polypropylene/polyethylene resin transferred and total hours of operation per month. [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. Operator shall maintain records of daily scheduled hours of operation. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Daily records shall be calculated by the following equation: (scheduled daily hours) x ((total polystyrene/polypropylene/polyethylene resin transferred in month) / (total hours of operation in month)). [District Rule 2201] Federally Enforceable Through Title V Permit
14. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

**PERMIT UNIT:** S-892-25-4

**EXPIRATION DATE:** 01/31/2017

**EQUIPMENT DESCRIPTION:**

OFFLINE POLYSTYRENE, POLYPROPYLENE AND POLYETHYLENE SCRAP GRINDING OPERATION CONSISTING OF TWO GRINDERS EACH SERVED BY CYCLONE VENTED TO A FABRIC SOCK FILTER

## PERMIT UNIT REQUIREMENTS

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1. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. If the Method 9 test indicates that visible emissions are in excess of 1/4 Ringelmann or 5% opacity, the facility will conduct an EPA Method 5 test within 30 days of detection of visible emissions to demonstrate compliance with the particulate matter emission limit. [District Rules 1081, 5.0; 2201; 2520, 9.0; 4101, 6.0; and 4201, 4.0] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. The facility can demonstrate compliance with this particulate matter emission limit by complying with the maintenance obligations imposed by the other conditions of this unit. [District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
3. Dust collection system shall be completely inspected annually while in operation for evidence of particulate matter leaks and repaired as needed. Sock filters shall be thoroughly inspected annually for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520, 9.0] Federally Enforceable Through Title V Permit
4. Emissions from each of the sock filters serving the grinding operation shall not exceed 0.000585 lb-PM10/1000 lb of scrap processed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The combined maximum quantity of polystyrene/polypropylene/polyethylene scrap processed shall not exceed either of the following limits: 1,726 lbs of scrap per day or 630,000 lbs of scrap per year. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The sock filters shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The sock filters 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 sock filters shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
9. A spare set of filters shall be maintained on the premises at all times. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Records of all maintenance of each sock filter, including all change outs of filter media, shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Operator shall maintain records of monthly amount of polystyrene/polypropylene/polyethylene scrap processed and total hours of operation per month. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Operator shall maintain records of daily scheduled hours of operation. [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. Daily records shall be calculated by the following equation: (scheduled daily hours) x ((total polystyrene/polypropylene/polyethylene scrap processed in month) / (total hours of operation in month)). [District Rule 2201] Federally Enforceable Through Title V Permit
14. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request [District Rules 1070 and 2201] 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=892 and excluding Deleted Permits  
Sorted by Facility Name and Permit Number

<b>PACTIV LLC</b> 2024 NORRIS RD BAKERSFIELD, CA 93308-2297	<b>FAC #</b> S 892	<b>TYPE:</b> TOXIC ID: 50160	<b>TitelV</b> AREA: 81 / INSP. DATE: 07/18	<b>EXPIRE ON:</b> 01/31/2017
<b>STATUS:</b> A	<b>TELEPHONE:</b> 6613924020			

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-892-1-10	135 hp electric horsepower	3020-01 D	1	345.00	345.00	A	VIRGIN RESIN UNLOADING AND STORAGE INCLUDING RAIL CAR UNLOADING FILTER/RECEIVER WITH 75 HP EXHAUST BLOWER, 60 HP FEED BLOWER, FOUR STORAGE SILOS, AND ONE FABRIC DUST COLLECTOR
S-892-2-23	70 hp	3020-01 C	1	217.00	217.00	A	VIRGIN RESIN STORAGE TO EXTRUDERS TRANSFER OPERATION INCLUDING AEF MODEL FR-14-9 BAGHOUSE, TWO BLOWERS (30 AND 60 HP) AND 10 VIRGIN RESIN USE BINS (WITH FILTERS LOCATED NEXT TO EXTRUDERS 501, 502, 503, 504, 505, 506, 507, 508, AND 510)
S-892-4-30	16.0 MMBtu/hr	3020-02 H	1	1,128.00	1,128.00	A	POLYSTYRENE FLUFF RECLAIM OPERATION INCLUDING 17 TRIM GRINDERS, SIX RECLAIM GRANULATORS, FLUFF TRANSFER AND STORAGE IN 11 FLUFF STORAGE SILOS, THREE RECLAIM EXTRUDER LINES, VOC VAPOR COLLECTION SYSTEM, AND SMITH ENGINEERING REGENERATIVE THERMAL OXIDIZER (RTO)
S-892-5-24	60 hp	3020-01 C	1	217.00	217.00	A	RECLAIMED POLYSTYRENE PELLET (RPP) SILOS TO EXTRUDERS TRANSFER OPERATION INCLUDING 10 RPP SILOS, 3 STATIC BAGHOUSES, UNLOADING/AEF MODEL FR-14-9 BAGHOUSE, TWO BLOWERS ( 30 HP AND 50 HP), AND 10 RPP USE BINS (WITH FILTERS LOCATED NEXT TO EXTRUDERS 501, 502, 503, 504, 505, 506, 507, 508, 509, AND 510)
S-892-6-3	12,000 Gallon	3020-05 B	1	103.00	103.00	A	12,000 GALLON BLOWING AGENT STORAGE VESSEL #1 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE
S-892-7-3	12,000 Gallon	3020-05 B	1	103.00	103.00	A	12,000 GALLON BLOWING AGENT STORAGE VESSEL #2 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE
S-892-8-3	12,000 Gallon	3020-05 B	1	103.00	103.00	A	12,000 GALLON BLOWING AGENT STORAGE VESSEL #3 INCLUDING INJECTION PUMP AND PRESSURE/VACUUM RELIEF VALVE.
S-892-10-36	1,600 electric motor horsepower	3020-01 H	1	1,128.00	1,128.00	A	POLYSTYRENE FOAM EXTRUSION PROCESS CONSISTING OF 10 FOAM EXTRUSION LINES
S-892-11-6	250 hp IC engine	3020-10 C	1	264.00	264.00	A	250 BHP CUMMINS MODEL NT-855-11 DIESEL FIRED I.C. ENGINE POWERING AN EMERGENCY FIREWATER PUMP
S-892-12-3	24 Electric Hp	3020-01 A	1	97.00	97.00	A	REPROCESSED POLYSTYRENE PELLET (RPP) BOX DUMPER OPERATION (24 TOTAL HP)
S-892-17-26	1,600 electric motor horsepower	3020-01 H	1	1,128.00	1,128.00	A	THERMOFORMING OPERATION WITH 17 THERMOFORMING LINES INCLUDING THERMOFORMERS, HEAT TUNNELS AND TRIM PRESSES
S-892-22-1	18,000 gallon	3020-05 B	1	103.00	103.00	A	18,000 GALLON METHYL FORMATE PRESSURE VESSEL STORAGE TANK

**Detailed Facility Report**  
For Facility=892 and excluding Deleted Permits  
Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	AMOUNT	TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-892-23-6	47,000 dry gallons	3020-05 C	1	149.00	149.00	A	POLYSTYRENE, POLYETHYLENE AND/OR POLYPROPYLENE RESIN RECEIVING AND STORAGE OPERATION INCLUDING ONE 4300 CUBIC FOOT AND ONE 3000 CUBIC FOOT STORAGE SILOS WITH BIN VENT FILTERS
S-892-24-4	30 electric motor horsepower	3020-01 B	1	129.00	129.00	A	POLYSTYRENE, POLYPROPYLENE AND POLYETHYLENE LOADOUT AND TRANSFER OPERATION INCLUDING VACUUM BLOWERS SERVED BY AIR DISCHARGE FABRIC FILTER COLLECTOR TRANSPORTING RESIN TO DAY BIN STORAGE AND MIXING BINS AND PERMIT EXEMPT INJECTION MOLDING MACHINES (NO PLASTICIZER OR BLOWING AGENT PRESENT)
S-892-25-4	60 electric motor horsepower	3020-01 C	1	217.00	217.00	A	OFFLINE POLYSTYRENE, POLYPROPYLENE AND POLYETHYLENE SCRAP GRINDING OPERATION CONSISTING OF TWO GRINDERS EACH SERVED BY CYCLONE VENTED TO A FABRIC SOCK FILTER

Number of Facilities Reported: 1