



JAN 22 2018

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

Re: Notice of Final Action - Title V Permit Renewal
Facility Number: S-892
Project Number: S-1161596


Dear Mr. Perez:

The District has issued the Final Renewed Title V Permit for Pactiv LLC (see enclosure). The preliminary decision for this project was made on November 16, 2017. No comments were received subsequent to the District preliminary decision.

The public notice for issuance of the Final Title V Permit will be published approximately three days from the date of this letter.

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

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

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

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



Facility # S-892
PACTIV LLC
2024 NORRIS RD
BAKERSFIELD, CA 93308-2297

Notice of Permit Issuance

The enclosed permit unit requirements authorize the operation of the equipment as described. These permit unit requirements supersede any and all previous permits for the specified equipment.* Please insert these documents into the Facility Permit to Operate, and post copies on or near the equipment as required by District Rule 2010.

Please contact any of our Small Business Assistance (SBA) staff at the numbers below if you have any questions:

Modesto:	(209) 557-6446
Fresno:	(559) 230-5888
Bakersfield:	(661) 392-5665

*Failure to comply with the permit unit requirements may result in enforcement action.

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

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



Permit to Operate

FACILITY: S-892

EXPIRATION DATE: 01/31/2022

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-892-0-4

EXPIRATION DATE: 01/31/2022

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. 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
S-892-0-4; Jan 11 2018 3:24PM -- GONZALEV

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. 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-892-1-11

EXPIRATION DATE: 01/31/2022

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

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: 01/31/2022

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: 01/31/2022

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

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

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: $LE \text{ (lb-VOC/100 lb TMI)} = 100 \times [BAI - (RECOLL * EFF)] / TMI$ 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: $RECOLL = (SCRAPBA - RPPBA)$ 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

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

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.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-892-5-25

EXPIRATION DATE: 01/31/2022

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

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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-892-6-4

EXPIRATION DATE: 01/31/2022

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

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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-892-7-4

EXPIRATION DATE: 01/31/2022

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

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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-892-8-4

EXPIRATION DATE: 01/31/2022

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

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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-892-10-35

EXPIRATION DATE: 01/31/2022

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 CO₂ 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 (PM₁₀) emissions shall not exceed 0.008 lbm-PM₁₀ 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

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

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: $\text{lbs-VOC emitted per ton of TMI} = (2000)[\text{BAI} - (\text{PFP} \times \text{BAR}) - \text{BAD} + \text{WH}] / \text{TMI}$ 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: $\text{LE (lb-VOC/100 lb TMI)} = 100 \times [\text{BAI} - (\text{RECOLL} \times \text{EFF})] / \text{TMI}$ 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 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.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-892-11-7

EXPIRATION DATE: 01/31/2022

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
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

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

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-892-12-4

EXPIRATION DATE: 01/31/2022

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

EQUIPMENT DESCRIPTION:

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

PERMIT UNIT REQUIREMENTS

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: 01/31/2022

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.

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-892-22-2

EXPIRATION DATE: 01/31/2022

EQUIPMENT DESCRIPTION:

18,000 GALLON METHYL FORMATE PRESSURE VESSEL STORAGE TANK

PERMIT UNIT REQUIREMENTS

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: 01/31/2022

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.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-892-24-5

EXPIRATION DATE: 01/31/2022

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.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-892-25-5

EXPIRATION DATE: 01/31/2022

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.