



**MAY 04 2016**

Mr. Bob Hall  
Ball Metal Food Container, LLC  
300 W Greger St.  
Oakdale, CA 95361-8613

**Re: Notice of Preliminary Decision – Title V Permit Renewal  
District Facility # N-2253  
Project # N-1150950**

Dear Mr. Hall:

Enclosed for your review and comment is the District's analysis of the application to renew the Federally Mandated Operating Permit for Ball Metal Food Container, LLC at 300 W Greger St. in Oakdale, 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. Leonard Scandura, Permit Services Manager, at (661) 392-5500.

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**

**Title V Permit Renewal Evaluation  
Ball Metal Food Container, LLC  
N-2253**

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# TITLE V PERMIT RENEWAL EVALUATION

**Engineer:** David Torii

**Date:** 9/14/15

**Lead Engineer:** Rich Karrs

**Facility Number:** N-2253

**Facility Name:** Ball Metal Food Container, LLC

**Mailing Address:** 300 W Greger St  
Oakdale, CA 95361-8613

**Contact Name:** Bob Hall

**Phone:** 303-460-5445

**Responsible Official:** Joette Bailey Keown

**Title:** Director EHS

**Project # :** 1150950

**Deemed Complete:** 3/18/15

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## I. PROPOSAL

Ball Metal Food Container, LLC (Ball) was issued a Title V permit on 11/30/03. As required by District Rule 2520, the applicant is requesting a permit renewal. The existing Title V permit shall be reviewed and modified to reflect all applicable District and federal rules updated, removed, or added since the issuance of the last Title V permit renewal on 1/6/11.

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

Ball is located at 300 W Greger St. in Oakdale.

## III. EQUIPMENT LISTING

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

#### **IV. GENERAL PERMIT TEMPLATE USAGE**

The applicant has requested to utilize template No. SJV-UM-0-3, Facility Wide Umbrella. Based on the information submitted in the Template Qualification Form, the applicant qualifies for the use of this template.

#### **V. SCOPE OF EPA AND PUBLIC REVIEW**

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

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

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

Conditions 2 through 42 in the facility wide requirements (N-2253-0-4).

#### **VI. FEDERALLY ENFORCEABLE REQUIREMENTS**

##### **A. Rules Updated**

- District Rule 2020 Exemptions, (Amended December 18, 2014)
- District Rule 2201, New and Modified Stationary Source Review Rule (amended 2/18/16)
- District Rule 4702 Internal Combustion Engines — Phase 2 (amended November 14, 2013)
- 40 CFR Part 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (amended March 6, 2013)
- 40 CFR Part 82, Subpart B Stratospheric Ozone (June 25, 2013)
- 40 CFR Part 82, Subpart F Stratospheric Ozone (June 25, 2013)

**B. Rules Removed**

none

**C. Rules Added**

Following rules are that are applicable to operation of this facility has been adopted since issuance of the initial Title V permit.

- District Rule 2410, Prevention of Significant Deterioration (adopted June 16, 2011, effective November 26, 2012)

**D. Rules Not Updated**

The following rules have been not been amended since the renewed Title V permit was issued. The most recent date reflects the version which has been approved by the EPA into the SIP.

- District Rule 1070 Inspections (Amended December 17, 1992)
- District Rule 1081, Source Sampling (Amended December 16, 1993)
- District Rule 1100, Equipment Breakdown (amended December 17, 1992)
- District Rule 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)
- District Rule 2520, Federally Mandated Operating Permits (amended June 21, 2001)
- District Rule 4101, Visible Emissions (amended February 17, 2005)
- District Rule 4102, Nuisance (amended December 17, 1992)
- District Rule 4201, Particulate Matter Concentration (amended December 17, 1992)
- District Rule 4202, Particulate Matter - Emission Rate (amended December 17, 1992)
- District Rule 4309, Dryers, Dehydrators, and Ovens (Adopted December 15, 2005)
- District Rule 4601 Architectural Coatings (Amended December 17, 2009)
- District Rule 4604 Can And Coil Coating Operations (Amended 9/20/07)
- District Rule 4623, Storage of Organic Liquids (amended May 19, 2005)
- District Rule 4801, Sulfur Compounds (amended December 17, 1992)
- District Rule 8011 General Requirements ( Amended August 19, 2004)

- District Rule 8021, Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities (amended August 19, 2004)
- District Rule 8031, Bulk Materials (amended August 19, 2004)
- District Rule 8041, Carryout and Trackout (amended August 19, 2004)
- District Rule 8051, Open Areas (amended August 19, 2004)
- District Rule 8061, Paved and Unpaved Roads (amended August 19, 2004)
- District Rule 8071, Unpaved Vehicle/Equipment Traffic Areas (amended September 16, 2004)
- 40 CFR Part 60, Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978 (amended Oct. 17, 2000)
- 40 CFR Subpart Ka – Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984 (amended 12/14/2000)
- 40 CFR Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification Commenced After July 23, 1984 (amended 10/15/03)
- 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos (4/6/73)
- 40 CFR Part 64, Compliance Assurance Monitoring (CAM) (10/22/97)
- 40 CFR Part 68, Chemical Accident Prevention Provisions (1/31/94)

## 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:

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

Condition 1 of permit unit N-2253-0-4 is based on District Rule 4102 and will therefore not be discussed any further.

## VIII. PERMIT REQUIREMENTS

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

District Rule 2201 has been amended since this facility's initial Title V permit was issued. This Title V permit renewal does not constitute a modification per section 3.26, defined as an action including at least one of the following items:

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

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

### C. District Rule 2410 - Prevention of Significant Deterioration

The prevention of significant deterioration (PSD) program is a construction permitting program for new major stationary sources and major modifications to existing major stationary sources located in areas classified as attainment

or in areas that are unclassifiable for any criteria air pollutant. The provisions of this rule apply to any source and the owner or operator of any source subject to any requirement under Title 40 Code of Federal Regulations (40 CFR) Part 52.21 as incorporated into this rule.

The rule did not create new requirements, but merely transfers the authority for the 40 CFR Part 52.21 requirements to the District. Prior to adoption of this rule, that authority was vested with the USEPA. This action does not involve construction and thus does not trigger additional PSD requirements for this source. Therefore, the facility is not subject to this rule and no further discussion is required.

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

##### **Greenhouse Gas Requirements**

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

#### **E. Rule 4702 - Internal Combustion Engines**

Emergency standby IC engine **N-2253-23** is only subject to the administrative requirements of Rule 4702 which weren't revised in the latest amendment. There are no changes to any of the existing Rule 4702 conditions.

#### **40 CFR 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Emissions (RICE)**

Emergency engines are subject to this subpart if they are operated at a major or area source of Hazardous Air Pollutant (HAP) emissions. A major source of HAP emissions is a facility that has the potential to emit any single HAP at a rate of 10 tons/year or greater or any combinations of HAPs at a rate of 25 tons/year or greater. An area source of HAPs is a facility is not a major source of HAPs. The proposed engine(s) are new stationary RICE located at an area source of HAP emissions; therefore, these engines are subject to this Subpart.

40 CFR 63 Subpart ZZZZ requires the following engines to comply with 40 CFR 60 Subpart IIII:

1. New emergency engines located at area sources of HAPs

2. Emergency engines rated less than or equal to 500 bhp and located at major sources of HAPs

Engine N-2353-23 was installed after 6/12/06 and is therefore "new" and will comply with 40 CFR 60 Subpart IIII.

#### **40 CFR 60 Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**

##### §60.4200 – Applicability

This subpart is applicable to owners and operators of stationary compression ignited internal combustion engines that commence construction after July 11, 2005, where the engines are:

- 1) Manufactured after April 1, 2006, if not a fire pump engine.
- 2) Manufactured as a National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.

Since the fire pump engine N-2353-23 was manufactured on January 6, 2000, this subpart does not apply.

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

##### §64.2 – Applicability

This section requires Compliance Assurance Monitoring (CAM) for units that meet the following three criteria:

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

Side seam stripe spray operations N-2253-1, 2, 3, 4, 5, 6, 7, 8, 9 and 21; and sheet coating operations N-2253-15, '16 and '17 are vented to a shared thermal oxidizer and are subject to CAM for VOC emissions. CAM requirements for these units are addressed by continuously monitoring the combustion temperature of the thermal oxidizer to ensure that a minimum combustion chamber of 1,490° F is maintained; keeping records of the date, time period, and reason that the thermal oxidizer is out of service; and recording the VOC content of all coatings and solvents used. These same requirements satisfied CAM for the units in previous Title V Permit renewals for this facility.

**N. 40 CFR Part 82, Subparts B and F, Stratospheric Ozone**

These regulations apply to servicing motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC). Sections of this regulation were amended in 2013, and conditions 28 and 29 of S-723-0-4 assure compliance with the requirements.

**O. District Rule 4101 - Visible Emissions**

District Rule 4101 has been submitted to the EPA to replace SIP approved Rule 401 (all counties of the SJVUAPCD). EPA made a preliminary determination that District Rule 4101 is "more stringent" than the county versions previously referenced, per correspondence dated August 20, 1996.

Section 5.0 prohibits the discharge of any air contaminant for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker in shade as that designated as No. 1 on the Ringelmann Chart; or is of such opacity as to obscure an observer's view to a degree equal to or greater than the smoke described in Section 5.1 of Rule 4101. Condition 23 of permit unit N-2253-'0-4 ensures compliance.

**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.

1. Model General Permit Template SJV-UM-0-3

By submitting Model General Permit Template SJV-UM-0-3 qualification form, the applicant has requested that a permit shield be granted for all the applicable requirements identified by the template. Therefore, the permit shields as granted in Model General Permit Template is included as conditions 2 through 42 of the facility-wide requirements (S-1413-0-3).

**X. PERMIT CONDITIONS**

See Attachment A - Renewed Title V Operating Permit.

**XI. ATTACHMENTS**

- A. Renewed Title V Operating Permit
- B. Previous Title V Operating Permit
- C. Detailed Facility List

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# ATTACHMENT A

Renewed Title V Operating Permit

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# San Joaquin Valley Air Pollution Control District

FACILITY: N-2253-0-4

EXPIRATION DATE: 10/31/2015

## FACILITY-WIDE REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; Stanislaus County Rule 110] Federally Enforceable Through Title V Permit
3. 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; Stanislaus County Rule 110] Federally Enforceable Through Title V Permit
4. {4364} The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
5. {4365} Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
6. {4366} The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
7. {4367} A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
8. 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]
9. {4369} The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: BALL METAL FOOD CONTAINER (OAKDALE) LLC  
Location: 300 W GREGER ST, OAKDALE, CA 95361-8613

N-2253-0-4 Mar 7 2016 7:06AM - TORID

10. 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 or electronic data. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
11. {4371} The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
12. {4372} Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
13. {4373} If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
14. {4374} It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
15. {4375} The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
16. {4376} The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
17. {4377} The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
18. {4378} The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
19. {4379} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
20. {4380} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
21. {4381} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
22. {4382} Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

23. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (2/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101] Federally Enforceable Through Title V Permit
24. No person shall manufacture, blend, or repackage for use within the District; or supply, sell, or offer for sale within the District; or solicit for application or apply within the District any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards 1 of District Rule 4601 (12/17/09) or the Table of Standards 2 of District Rule 4601, after the specified effective date in the Table of Standards 1 or the Table of Standards 2. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
25. {4385} All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
26. {4386} The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
27. {4387} With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
28. {4388} If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
29. {4389} If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
30. {4390} Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
31. Unless specifically exempted under Section 4.0 of Rule 8031 (8/19/04) or Rule 8011 (8/19/04), no person shall perform any outdoor handling, storage, and transport of bulk materials unless the appropriate requirements in Table 8031-1 of Rule 8031 are sufficiently implemented to limit Visible Dust Emissions (VDE) to 20% opacity or to comply with the conditions for a stabilized surface as defined in Rule 8011. [District Rules 8031 and 8011] Federally Enforceable Through Title V Permit
32. {4392} An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
33. {4393} Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
34. {4394} Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. {4395} Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit
36. On each day that 50 or more vehicle daily trips, or 25 or more vehicle daily trips with 3 or more axles, originates from within and remains exclusively within an unpaved vehicle/equipment traffic area, the owner/operator may apply/reapply water to limit VDE to 20% opacity. The owner/operator shall restrict access and periodically stabilize a disturbed surface area whenever a site becomes inactive to comply with the conditions for a stabilized surface as defined in Rule 8011, unless specifically exempted under Section 4.0 of Rule 8071 (9/16/04) or Rule 8011 (8/19/04). [District Rules 8071 and Rule 8011] Federally Enforceable Through Title V Permit
37. {4396} Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M] Federally Enforceable Through Title V Permit
38. {4397} The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
39. {4398} The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
40. {4399} When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
41. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 110 (Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] 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); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601, sections 5.1, 5.2, 5.3, and 5.8 (12/17/09); 8021 (8/19/04); 8031 (8/19/04); 8041 (8/19/04); 8051 (8/19/04); 8061 (8/19/04); and 8071 (9/16/04). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
43. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan when mandated by the regulation. [40 CFR Part 68] Federally Enforceable Through Title V Permit

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

44. Any person that operates a VOC emission control system subject to the provisions of Section 5.2 of District Rule 4604 (9/20/07) shall submit to the APCO for approval an Operation and Maintenance (O/M) plan. The O/M Plan shall specify actions to be taken to satisfy the requirements of District Rule 4604, Section 5.2 and shall include the following: values or range of acceptable values for key system operating parameter(s); procedures for preventive and corrective maintenance performed; procedures for collecting and recording required data and other information in a form approved by the APCO; burner maintenance schedule; catalyst maintenance and maintenance schedule, if applicable; duct inspection schedule; procedures for revising the O/M Plan; and other information necessary to verify compliance with applicable provisions of Rule 4604. The O/M Plan shall be updated prior to any planned change in operation of the VOC emission control system. [District Rule 4604, 5.2.7 and 6.5] Federally Enforceable Through Title V Permit
45. Stationary source (as defined in 40 CFR 63.2 - Definitions) emissions shall be less than 10 tons per year of each single hazardous air pollutant (HAP) (as defined in 40 CFR 63.2 - Definitions) and less than 25 tons per year for any combination of HAPs. A year, for this condition, is any consecutive 12 month period based on a monthly rolling total. [District NSR Rule] Federally Enforceable Through Title V Permit
46. The owner/operator shall calculate and maintain records on a monthly basis of the quantity of each HAP emitted into the atmosphere from all sources at the facility. The HAP emissions shall be totaled for a rolling consecutive 12-month period. The records shall include an analysis (or other information) sufficiently detailed to allow the District Personal to make a finding about the source's applicability status with regard to the relevant standard or other requirement. [District NSR Rule and District Rule 2520 9.3.2] Federally Enforceable Through Title V Permit
47. The Permittee shall submit a semi annual summary report of HAP emissions report District. This report shall submitted along with semi-annual monitoring report. The report shall contain the following: (i). the monthly individual HAP and total HAP emissions for the previous 17 months and (ii). the totals for the six 12-consecutive month periods of individual HAP and total HAP emissions (i.e., one for each of the months of the reporting period). [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
48. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon December 1 of each year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days of the end of the reporting period. [District Rule 2520, 9.5] 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:** N-2253-1-8

**EXPIRATION DATE:** 10/31/2015

**EQUIPMENT DESCRIPTION:**

SIDE SEAM STRIPE SPRAY OPERATION (LINE #1) SERVED BY ONE SOUDRONIC MODEL FBB BODYMAKER AND ONE 0.6 MMBTU/HR FLYNN AERO FLAME AF-9 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED 8.0 MMBTU/HR SMITH THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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: N-2253-2-8

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #2) SERVED BY ONE SOUDRONIC MODEL FBB BODYMAKER AND ONE 0.6 MMBTU/HR FLYNN AERO FLAME AF-9 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] Federally Enforceable Through Title V Permit

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

Facility Name: BALL METAL FOOD CONTAINER (OAKDALE) LLC

Location: 300 W GREGER ST, OAKDALE, CA 95361-8613

N-2253-2-8 : Mar 7 2016 7:09AM - TORID

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# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2253-3-8

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #3) SERVED BY ONE SOUDRONIC MODEL FBB BODYMAKER AND ONE 0.6 MMBTU/HR FLYNN AERO FLAME AF-9 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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: N-2253-4-8

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #4) SERVED BY ONE ABM 420 BODYMAKER AND ONE 0.6 MMBTU/HR FLYNN AERO FLAME AF-9 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f) The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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: N-2253-6-8

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #6) SERVED BY ONE SBW 270 BODYMAKER AND ONE 0.6 MMBTU/HR FLYNN AERO FLAME AF-9 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] 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.

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f) The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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: N-2253-7-8

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #7) SERVED BY ONE SOUDRONIC MODEL FBB BODYMAKER AND ONE 0.4 MMBTU/HR SARDEE SLIX-3 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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:** N-2253-8-8

**EXPIRATION DATE:** 10/31/2015

**EQUIPMENT DESCRIPTION:**

SIDE SEAM STRIPE SPRAY OPERATION (LINE #8) SERVED BY ONE SOUDRONIC MODEL FBB BODYMAKER AND ONE 0.4 MMBTU/HR SARDEE SLIX-3 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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: N-2253-9-8

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #9) SERVED BY ONE SOUDRONIC MODEL FBB BODYMAKER AND ONE 0.4 MMBTU/HR SARDEE SLIX-3 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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: N-2253-15-14

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SHEET COATING OPERATION #2 CONSISTING OF A WAGNER MODEL 15X44-A SHEET COATER AND A 7.7 MMBTU/HR YOUNG BROS. KELGRAF OVEN WITH MAXON CYCLOMAX LOW NOX BURNERS. THE COATING APPLICATION EQUIPMENT AND THE OVEN ARE ALL VENTED TO AN 8.0 MMBTU/HR SHARED THERMAL OXIDIZER EQUIPPED WITH A HEAT RECOVERY SYSTEM THAT TRANSFERS THERMAL OXIDIZER EXHAUST INTO THE CURING OVEN

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule and Rule 4604]
3. The VOC contaminated air stream from the coating application operation and the curing oven shall be vented to the thermal oxidizer prior to discharge into the atmosphere at all times. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC capture and control and the VOC emission control system shall reduce VOC emissions, at all times, to a level which would have been achieved through the use of materials compliant with the applicable requirements of Rule 4604, Sections 5.1 and 5.4 (9/20/07). [District NSR Rule, Rules 2520, 9.3.2, and 4604, and 40 CFR Part 64]
5. The thermal oxidizer shall be equipped with an operational continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, and 4604, and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. An excursion is deemed to occur when the afterburner temperature drops below the minimum operating temperature of 1490 Degrees F. Upon detecting any excursion, the permittee shall investigate the excursion and take corrective action to minimize emissions and prevent recurrence of the excursion as expeditiously as practicable. Any record of an excursion shall be reported by sending a copy of such record to the APCO within 96 hours following the occurrence. Such report shall include an explanation of the cause of the excursion and the corrective action taken. [District Rule 4604]
7. Emissions from combustion in the curing oven shall not exceed any of the following limits: 0.024 lb-NOx/MMBtu (equivalent to 2.1 ppmvd NOx @ 19% O2), 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.15 lb-CO/MMBtu (equivalent to 22 ppmvd CO @ 19% O2, or 0.005 lb-VOC/MMBtu. [District Rules 2201 and 4309]
8. Emissions from the shared thermal oxidizer, due to the combustion of natural gas, shall not exceed any of the following limits: 0.098 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.086 lb-CO/MMBtu, and 0.005 lb-VOC/MMBtu. [District Rule 2201]
9. The VOC emissions due to coating and solvent use shall not exceed 36.7 pounds during any one day. [District NSR Rule and 40 CFR Part 64] 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 combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18, shall not exceed 10,366 pounds during the first calendar quarter, 9,941 pounds during the second calendar quarter, 10,187 pounds during the third calendar quarter and 10,027 pounds during the fourth calendar quarter. The first and fourth calendar quarter VOC emissions may be increased by the amount of second and third calendar quarter VOC's not emitted. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18, shall not exceed 40,521 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The operator shall source test the thermal oxidizer at least once every twelve months to demonstrate compliance with the VOC control efficiency requirements. [District Rules 1081, 2520, 9.3.2, and 4604, and 40 CFR Part 64] Federally Enforceable Through Title V Permit
13. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604] Federally Enforceable Through Title V Permit
14. Source testing of the control efficiency of VOC emission control device shall be performed under conditions representative of normal operating conditions using non-compliant coating and under conditions specified in the Permit-To-Operate. [District Rule 4604] Federally Enforceable Through Title V Permit
15. Source testing to measure NO<sub>x</sub> and CO emissions from the curing oven exhaust shall be conducted at least once every 24 months. [District Rules 2201 and 4309]
16. NO<sub>x</sub> emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309]
17. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309]
18. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309]
19. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309]
20. All test results for NO<sub>x</sub> and CO shall be reported in ppmv @ 19% O<sub>2</sub>, corrected to dry stack conditions. [District Rule 4309]
21. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309]
22. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
23. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
24. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309]

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

25. If either the NO<sub>x</sub> or CO concentrations corrected to 19% O<sub>2</sub>, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309]
26. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
27. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309]
28. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
29. The owner or operator shall submit a VOC Emission Control System Operation and Maintenance Plan in accordance with the provisions outlined in Section 6.5 of District Rule 4604. [District Rule 4604]
30. An operator shall not apply any coating except by the use of one or more of the following methods is utilized: flow, roll, dip, or hand application. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 2201 and 4604]
31. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding 25 g/l (0.21 lb/gal) unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07). [District Rule 4604] Federally Enforceable Through Title V Permit
32. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604] Federally Enforceable Through Title V Permit
33. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604] Federally Enforceable Through Title V Permit
34. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604] Federally Enforceable Through Title V Permit
36. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604] Federally Enforceable Through Title V Permit
37. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f) The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, and 40 CFR Part 64] Federally Enforceable Through Title V Permit
38. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604] Federally Enforceable Through Title V Permit
39. Records of the combined quarterly VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18 (including the VOC's due to combustion), shall be kept. The records shall be updated at least weekly. [District Rules 1070 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. Records of the combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18 (including the VOC's due to combustion), shall be kept for consecutive 12-month period. [District NSR Rule] Federally Enforceable Through Title V Permit
41. 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 4604 and 4309] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2253-16-14

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SHEET COATING OPERATION #3 CONSISTING OF A WAGNER MODEL 15X44-A SHEET COATER AND A 9.4 MMBTU/HR YOUNG BROS. KELGRAF OVEN (SHARED WITH N-2253-18) WITH MAXON CYCLOMAX LOW NOX BURNERS. THE COATING APPLICATION EQUIPMENT AND THE OVEN ARE ALL VENTED TO AN 8.0 MMBTU/HR SHARED THERMAL OXIDIZER EQUIPPED WITH A HEAT RECOVERY SYSTEM THAT TRANSFERS THERMAL OXIDIZER EXHAUST INTO THE CURING OVEN

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack for the thermal oxidizer shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule and Rule 4604]
4. The VOC contaminated air stream from the coating application operation and the curing oven shall be vented to the thermal oxidizer prior to discharge into the atmosphere at all times. [District NSR Rule] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC capture and control and the VOC emission control system shall reduce VOC emissions, at all times, to a level which would have been achieved through the use of materials compliant with the applicable requirements of Rule 4604, Sections 5.1 and 5.4 (9/20/07). [District NSR Rule, Rules 2520, 9.3.2, and 4604, and 40 CFR Part 64]
6. The thermal oxidizer shall be equipped with an operational continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, and 4604, and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. An excursion is deemed to occur when the afterburner temperature drops below the minimum operating temperature of 1490 Degrees F. Upon detecting any excursion, the permittee shall investigate the excursion and take corrective action to minimize emissions and prevent recurrence of the excursion as expeditiously as practicable. Any record of an excursion shall be reported by sending a copy of such record to the APCO within 96 hours following the occurrence. Such report shall include an explanation of the cause of the excursion and the corrective action taken. [District Rule 4604]
8. Emissions from combustion in the curing oven shall not exceed any of the following limits: 0.024 lb-NOx/MMBtu (equivalent to 2.1 ppmvd NOx @ 19% O2), 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.15 lb-CO/MMBtu (equivalent to 22 ppmvd CO @ 19% O2, or 0.005 lb-VOC/MMBtu. [District Rules 2201 and 4309]
9. Emissions from the shared thermal oxidizer, due to the combustion of natural gas, shall not exceed any of the following limits: 0.098 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.086 lb-CO/MMBtu, and 0.005 lb-VOC/MMBtu. [District Rule 2201]
10. The VOC emissions due to coating and solvent use shall not exceed 36.7 pounds during any one day. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit

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

11. The combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18, shall not exceed 10,366 pounds during the first calendar quarter, 9,941 pounds during the second calendar quarter, 10,187 pounds during the third calendar quarter and 10,027 pounds during the fourth calendar quarter. The first and fourth calendar quarter VOC emissions may be increased by the amount of second and third calendar quarter VOC's not emitted. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18, shall not exceed 40,521 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
13. The operator shall source test the thermal oxidizer at least once every twelve months to demonstrate compliance with the VOC control efficiency requirements. [District Rules 1081, 2520, 9.3.2, and 4604, and 40 CFR Part 64] Federally Enforceable Through Title V Permit
14. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604] Federally Enforceable Through Title V Permit
15. Source testing of the control efficiency of VOC emission control device shall be performed under conditions representative of normal operating conditions using non-compliant coating and under conditions specified in the Permit-To-Operate. [District Rule 4604] Federally Enforceable Through Title V Permit
16. Source testing to measure NO<sub>x</sub> and CO emissions from the curing oven exhaust shall be conducted at least once every 24 months. [District Rules 2201 and 4309]
17. NO<sub>x</sub> emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309]
18. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309]
19. Stack gas oxygen (O<sub>2</sub>) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309]
20. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309]
21. All test results for NO<sub>x</sub> and CO shall be reported in ppmv @ 19% O<sub>2</sub>, corrected to dry stack conditions. [District Rule 4309]
22. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309]
23. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
24. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
25. The permittee shall monitor and record the stack concentration of NO<sub>x</sub>, CO, and O<sub>2</sub> at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309]

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

26. If either the NO<sub>x</sub> or CO concentrations corrected to 19% O<sub>2</sub>, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309]
27. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
28. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309]
29. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
30. The owner or operator shall submit a VOC Emission Control System Operation and Maintenance Plan in accordance with the provisions outlined in Section 6.5 of District Rule 4604. [District Rule 4604]
31. An operator shall not apply any coating except by the use of one or more of the following methods is utilized: flow, roll, dip, or hand application. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 2201 and 4604]
32. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding 25 g/l (0.21 lb/gal) unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07). [District Rule 4604] Federally Enforceable Through Title V Permit
33. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604] Federally Enforceable Through Title V Permit
34. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604] Federally Enforceable Through Title V Permit
35. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

36. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604] Federally Enforceable Through Title V Permit
37. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604] Federally Enforceable Through Title V Permit
38. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, and 40 CFR Part 64] Federally Enforceable Through Title V Permit
39. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604] Federally Enforceable Through Title V Permit
40. Records of the combined quarterly VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18 (including the VOC's due to combustion), shall be kept. The records shall be updated at least weekly. [District Rules 1070 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
41. Records of the combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18 (including the VOC's due to combustion), shall be kept for consecutive 12-month period. [District NSR Rule] Federally Enforceable Through Title V Permit
42. 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 4604 and 4309] Federally Enforceable Through Title V Permit

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

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2253-17-14

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SHEET COATING OPERATION #4 CONSISTING OF A WAGNER MODEL 15X44-A SHEET COATER AND A 7.3 MMBTU/HR YOUNG BROS. KELGRAF OVEN WITH MAXON CYCLOMAX LOW NOX BURNERS. THE COATING APPLICATION EQUIPMENT AND THE OVEN ARE ALL VENTED TO AN 8.0 MMBTU/HR SHARED THERMAL OXIDIZER EQUIPPED WITH A HEAT RECOVERY SYSTEM THAT TRANSFERS THERMAL OXIDIZER EXHAUST INTO THE CURING OVEN

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule and Rule 4604]
3. The VOC contaminated air stream from the coating application operation and the curing oven shall be vented to the thermal oxidizer prior to discharge into the atmosphere at all times. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC capture and control and the VOC emission control system shall reduce VOC emissions, at all times, to a level which would have been achieved through the use of materials compliant with the applicable requirements of Rule 4604, Sections 5.1 and 5.4 (9/20/07). [District NSR Rule, Rules 2520, 9.3.2, and 4604, and 40 CFR Part 64]
5. The thermal oxidizer shall be equipped with an operational continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, and 4604, and 40 CFR Part 64] Federally Enforceable Through Title V Permit
6. An excursion is deemed to occur when the afterburner temperature drops below the minimum operating temperature of 1490 Degrees F. Upon detecting any excursion, the permittee shall investigate the excursion and take corrective action to minimize emissions and prevent recurrence of the excursion as expeditiously as practicable. Any record of an excursion shall be reported by sending a copy of such record to the APCO within 96 hours following the occurrence. Such report shall include an explanation of the cause of the excursion and the corrective action taken. [District Rule 4604]
7. Emissions from combustion in the curing oven shall not exceed any of the following limits: 0.024 lb-NOx/MMBtu (equivalent to 2.1 ppmvd NOx @ 19% O2), 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.15 lb-CO/MMBtu (equivalent to 22 ppmvd CO @ 19% O2, or 0.005 lb-VOC/MMBtu. [District Rules 2201 and 4309]
8. Emissions from the shared thermal oxidizer, due to the combustion of natural gas, shall not exceed any of the following limits: 0.098 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 0.086 lb-CO/MMBtu, and 0.005 lb-VOC/MMBtu. [District Rule 2201]
9. The VOC emissions due to coating and solvent use shall not exceed 36.7 pounds during any one day. [District NSR Rule and 40 CFR Part 64] Federally Enforceable Through Title V Permit

PERMIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

10. The combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18, shall not exceed 10,366 pounds during the first calendar quarter, 9,941 pounds during the second calendar quarter, 10,187 pounds during the third calendar quarter and 10,027 pounds during the fourth calendar quarter. The first and fourth calendar quarter VOC emissions may be increased by the amount of second and third calendar quarter VOC's not emitted. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18, shall not exceed 40,521 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
12. The operator shall source test the thermal oxidizer at least once every twelve months to demonstrate compliance with the VOC control efficiency requirements. [District Rules 1081, 2520, 9.3.2, and 4604, and 40 CFR Part 64] Federally Enforceable Through Title V Permit
13. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604] Federally Enforceable Through Title V Permit
14. Source testing of the control efficiency of VOC emission control device shall be performed under conditions representative of normal operating conditions using non-compliant coating and under conditions specified in the Permit-To-Operate. [District Rule 4604] Federally Enforceable Through Title V Permit
15. Source testing to measure NOx and CO emissions from the curing oven exhaust shall be conducted at least once every 24 months. [District Rules 2201 and 4309]
16. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309]
17. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309]
18. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309]
19. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309]
20. All test results for NOx and CO shall be reported in ppmv @ 19% O2, corrected to dry stack conditions. [District Rule 4309]
21. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309]
22. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
23. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
24. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309]

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

25. If either the NO<sub>x</sub> or CO concentrations corrected to 19% O<sub>2</sub>, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rule 4309]
26. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
27. The permittee shall maintain records of: (1) the date and time of NO<sub>x</sub>, CO, and O<sub>2</sub> measurements, (2) the O<sub>2</sub> concentration in percent and the measured NO<sub>x</sub> and CO concentrations corrected to 19% O<sub>2</sub>, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309]
28. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the permit-to-operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309]
29. The owner or operator shall submit a VOC Emission Control System Operation and Maintenance Plan in accordance with the provisions outlined in Section 6.5 of District Rule 4604. [District Rule 4604]
30. An operator shall not apply any coating except by the use of one or more of the following methods is utilized: flow, roll, dip, or hand application. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rules 2201 and 4604]
31. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding 25 g/l (0.21 lb/gal) unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07). [District Rule 4604] Federally Enforceable Through Title V Permit
32. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604] Federally Enforceable Through Title V Permit
33. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604] Federally Enforceable Through Title V Permit
34. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604] 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.

35. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604] Federally Enforceable Through Title V Permit
36. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604] Federally Enforceable Through Title V Permit
37. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, and 40 CFR Part 64] Federally Enforceable Through Title V Permit
38. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604] Federally Enforceable Through Title V Permit
39. Records of the combined quarterly VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18 (including the VOC's due to combustion), shall be kept. The records shall be updated at least weekly. [District Rules 1070 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
40. Records of the combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18 (including the VOC's due to combustion), shall be kept for consecutive 12-month period. [District NSR Rule] Federally Enforceable Through Title V Permit
41. 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 4604 and 4309] Federally Enforceable Through Title V Permit

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

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# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2253-18-9

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

UV TYPE SHEET COATING OPERATION #1 CONSISTING OF A CRABTREE MODEL 13X45-F1 SHEET COATER. THE SHARED OVEN FROM PERMIT UNITS N-2253-15, N-2253-16, AND N-2253-17 MAY SERVE THE PRODUCTS MANUFACTURED FROM THIS PERMIT UNIT

## PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
2. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding 25 g/l (0.21 lb/gal) unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07). [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
3. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
4. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
5. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
6. The VOC emissions due to coating and solvent use shall not exceed 0.2 pounds during any one day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. The combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18, shall not exceed 10,366 pounds during the first calendar quarter, 9,941 pounds during the second calendar quarter, 10,187 pounds during the third calendar quarter, and 10,027 pounds during the fourth calendar quarter. The first and fourth calendar quarter VOC emissions may be increased by the amount of second and third calendar quarter VOC's not emitted. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The combined VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18, shall not exceed 40,521 pounds for any consecutive 12-month period. [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.

9. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
10. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
11. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2]] Federally Enforceable Through Title V Permit
12. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit
13. Records of the combined quarterly VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18 (including the VOC's due to combustion), shall be kept. The records shall be updated at least weekly. [District Rules 1070 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
14. Records of the combined annual VOC emissions from the equipment operating under permits N-2253-15, N-2253-16, N-2253-17, and N-2253-18 (including the VOC's due to combustion), shall be kept. The records shall be updated at least weekly. [District NSR Rule] Federally Enforceable Through Title V Permit
15. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2 and 6.3] 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: N-2253-19-5

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

COATING STORAGE TANK #1 CONSISTING OF ONE 8,000 GALLON ABOVEGROUND VERTICAL FIXED ROOF STORAGE TANK

## PERMIT UNIT REQUIREMENTS

1. The maximum amount of coatings received into the storage tank shall not exceed 8,000 gallons in any one day and 416,000 gallons in any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC emission rate from the receiving and storage of the coatings shall not exceed 0.6 lb VOC/day and 27 lb VOC/year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Organic liquids that are received, stored, or held in this tank shall have a true vapor pressure (TVP) less than 0.5 psia under all storage conditions. [District Rule 4623, 4.4] Federally Enforceable Through Title V Permit
4. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during the summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. In lieu of testing each tank, the permittee may conduct TVP testing of a representative tank provided the requirements of District Rule 4623 (amended 5/19/05), Section 6.2 are satisfied. TVP testing shall not be required for tanks that exclusively store organic liquids listed in Appendix A of District Rule 4623, provided the storage temperature indicated in Appendix A is not exceeded at any time. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
5. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. The TVP of any organic liquid, except for crude oil, shall be determined by measuring the Reid Vapor Pressure (RVP) using ASTM D 323 (Test Method for Vapor Pressure for Petroleum Products), and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance with the procedures in Appendix B. Appendix B is an excerpt from the oil and gas section of "ARB Technical Guidance Document to the Criteria and Guidelines Regulation for AB 2588", dated August 1989. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
7. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
8. The operator shall maintain records that indicate the true vapor pressure (TVP) of the coatings stored, the daily quantity of coatings received into the tank, and the cumulative annual quantity of coatings received into the storage tank. [District NSR Rule, District Rules 2520, 9.3.2 and 4623, 6.3] Federally Enforceable Through Title V Permit
9. The operator shall keep an accurate record of each organic liquid stored in each tank, including its storage temperature, TVP, and API gravity. [District Rules 2520, 9.3.2 and 4623, 6.3.1] Federally Enforceable Through Title V Permit
10. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 2520, 9.4.2 and 4623, 6.3] 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: N-2253-20-5

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

COATING STORAGE TANK #2 CONSISTING OF ONE 8,000 GALLON ABOVEGROUND VERTICAL FIXED ROOF STORAGE TANK

## PERMIT UNIT REQUIREMENTS

1. The maximum amount of coatings received into the storage tank shall not exceed 8,000 gallons in any one day and 416,000 gallons in any one calendar year. [District NSR Rule] Federally Enforceable Through Title V Permit
2. The VOC emission rate from the receiving and storage of the coatings shall not exceed 0.6 lb VOC/day and 27 lb VOC/year. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Organic liquids that are received, stored, or held in this tank shall have a true vapor pressure (TVP) less than 0.5 psia under all storage conditions. [District Rule 4623, 4.4] Federally Enforceable Through Title V Permit
4. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. In lieu of testing each tank, the permittee may conduct TVP testing of a representative tank provided the requirements of District Rule 4623 (amended 5/19/05), Section 6.2 are satisfied. TVP testing shall not be required for tanks that exclusively store organic liquids listed in Appendix A of District Rule 4623, provided the storage temperature indicated in Appendix A is not exceeded at any time. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
5. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. The TVP of any organic liquid, except for crude oil, shall be determined by measuring the Reid Vapor Pressure (RVP) using ASTM D 323 (Test Method for Vapor Pressure for Petroleum Products), and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance with the procedures in Appendix B. Appendix B is an excerpt from the oil and gas section of "ARB Technical Guidance Document to the Criteria and Guidelines Regulation for AB 2588", dated August 1989. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
7. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
8. The operator shall maintain records that indicate the true vapor pressure (TVP) of the coatings stored, the daily quantity of coatings received into the tank, and the cumulative annual quantity of coatings received into the storage tank. [District NSR Rule, District Rules 2520, 9.3.2 and 4623, 6.3] Federally Enforceable Through Title V Permit
9. The operator shall keep an accurate record of each organic liquid stored in each tank, including its storage temperature, TVP, and API gravity. [District Rules 2520, 9.3.2 and 4623, 6.3.1] Federally Enforceable Through Title V Permit
10. All records shall be retained for a minimum of 5 years, and shall be made available for District inspection upon request. [District Rules 1070, 2520, 9.4.2 and 4623, 6.3] Federally Enforceable Through Title V Permit

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# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2253-21-4

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #10) SERVED BY ONE SOUDRONIC MODEL AFB-1075 BODYMAKER AND ONE 0.6 MMBTU/HR SOUDRONIC MODEL LSC-12 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL ARE SERVED BY THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21, shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21, shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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: N-2253-22-2

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #5) SERVED BY ONE SOUDRONIC MODEL AFB-880 BODYMAKER AND ONE 0.4 MMBTU/HR SOUDRONIC MODEL USC-15 CURING TUNNEL. A FUME HOOD OVER THE COATING APPLICATOR, CONVEYOR, AND CURING TUNNEL ARE VENTED TO THE SHARED 8.0 MMBTU/HR SMITH THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all time except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall be less than 100 pounds per any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall be less than 0.2 pounds per any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District Rule 2201] Federally Enforceable Through Title V Permit
21. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District Rule 2201] Federally Enforceable Through Title V Permit
22. The CO emission concentration from the thermal oxidizer shall not exceed 0.084 lb/MMBtu of natural gas consumption. [District Rule 2201] Federally Enforceable Through Title V Permit
23. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District Rule 2201] Federally Enforceable Through Title V Permit

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
25. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
26. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
27. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
28. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
29. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
30. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
31. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
32. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
33. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit
34. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f) The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2201, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] 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.

35. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
37. 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 2201 and 4604, 6.2, 6.3, and 6.4] 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: N-2253-23-1

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

240 BHP CUMMINS MODEL 6CTA8.3-F1 DIESEL-FUELED EMERGENCY STANDBY INTERNAL COMBUSTION ENGINE POWERING A FIREWATER PUMP

## PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102] 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 and 17 CCR 93115] Federally Enforceable Through Title V Permit
4. This engine shall be equipped with an operational non-resettable elapsed time meter or other APCO approved alternative. [District Rule 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
5. Emissions from this IC engine shall not exceed any of the following limits: 5.03 g-NOx/bhp-hr, 2.78 g-CO/bhp-hr, or 0.93 g-VOC/bhp-hr. [District Rule 2201] Federally Enforceable Through Title V Permit
6. PM10 emissions rate shall not exceed 0.25 g/bhp-hr based on US EPA certification using ISO 8178 test procedure. [District Rule 2201] Federally Enforceable Through Title V Permit
7. This engine shall be operated only for testing and maintenance of the engine, 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", 2002 edition. Total hours of operation for all maintenance, testing, and required regulatory purposes shall not exceed 100 hours per calendar year. [District Rules 4102, 4701, 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
8. An emergency situation is an unscheduled electrical power outage caused by sudden and reasonably unforeseen natural disasters or sudden and reasonably unforeseen events beyond the control of the permittee. [District Rule 4702] Federally Enforceable Through Title V Permit
9. The permittee shall maintain monthly records of emergency and non-emergency operation. Records shall include the number of hours of emergency operation, the date and number of hours of all testing and maintenance operations, 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 a readily accessible written record of the automated testing schedule. [District Rules 4701, 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit
10. All records shall be maintained and retained on-site for a minimum of five years, and shall be made available for District inspection upon request. [District Rules 4701, 4702 and 17 CCR 93115] Federally Enforceable Through Title V Permit

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

Facility Name: BALL METAL FOOD CONTAINER (OAKDALE) LLC.  
Location: 300 W GREGER ST, OAKDALE, CA 95361-8613  
N-2253-23-1 Mar 7 2010 7:08AM - TORID

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# ATTACHMENT B

Previous Title V Operating Permit

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# ATTACHMENT B

Previous Title V Operating Permit

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# San Joaquin Valley Air Pollution Control District

FACILITY: N-2253-0-3

EXPIRATION DATE: 10/31/2015

## FACILITY-WIDE REQUIREMENTS

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1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; Stanislaus County Rule 110] 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; Stanislaus County Rule 110] Federally Enforceable Through Title V Permit
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0] Federally Enforceable Through Title V Permit
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (12/20/07). [District Rule 2010, 3.0 and 4.0; and 2020] Federally Enforceable Through Title V Permit
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1] Federally Enforceable Through Title V Permit
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031] Federally Enforceable Through Title V Permit
7. Every application for a permit required under Rule 2010 (12/17/92) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings or electronic data. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: BALL METAL FOOD CONTAINER (OAKDALE) LLC.

Location: 300 W GREGER ST, OAKDALE, CA 95361-8613

N-2253-0-3 : Mar 7 2016 7:06AM - TORID

10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.5.1] Federally Enforceable Through Title V Permit
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520 (6/21/01). [District Rules 2520, 9.5.2 and 1100, 7.0] Federally Enforceable Through Title V Permit
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.7] Federally Enforceable Through Title V Permit
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.8.2] Federally Enforceable Through Title V Permit
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.8.3] Federally Enforceable Through Title V Permit
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.8.4] Federally Enforceable Through Title V Permit
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.8.5] Federally Enforceable Through Title V Permit
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.9] Federally Enforceable Through Title V Permit
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.13.2.1] Federally Enforceable Through Title V Permit
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.13.2.2] Federally Enforceable Through Title V Permit
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.13.2.3] Federally Enforceable Through Title V Permit
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.13.2.4] Federally Enforceable Through Title V Permit
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (2/17/05). If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101] Federally Enforceable Through Title V Permit

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

23. No person shall manufacture, blend, or repackage for use within the District; or supply, sell, or offer for sale within the District; or solicit for application or apply within the District any architectural coating with a VOC content in excess of the corresponding limit specified in the Table of Standards 1 of District Rule 4601 (12/17/09) or the Table of Standards 2 of District Rule 4601, after the specified effective date in the Table of Standards 1 or the Table of Standards 2. [District Rule 4601, 5.1] Federally Enforceable Through Title V Permit
24. All VOC-containing materials subject to Rule 4601 (12/17/09) shall be stored in closed containers when not in use. [District Rule 4601, 5.4] Federally Enforceable Through Title V Permit
25. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.3 (12/17/09). [District Rule 4601, 6.1 and 6.3] Federally Enforceable Through Title V Permit
26. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.13.1 and 10.0] Federally Enforceable Through Title V Permit
27. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F] Federally Enforceable Through Title V Permit
28. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B] Federally Enforceable Through Title V Permit
29. Disturbances of soil related to any construction, demolition, excavation, extraction, or other earthmoving activities shall comply with the requirements for fugitive dust control in District Rule 8021 unless specifically exempted under Section 4.0 of Rule 8021 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8021 and 8011] Federally Enforceable Through Title V Permit
30. Unless specifically exempted under Section 4.0 of Rule 8031 (8/19/04) or Rule 8011 (8/19/04), no person shall perform any outdoor handling, storage, and transport of bulk materials unless the appropriate requirements in Table 8031-1 of Rule 8031 are sufficiently implemented to limit Visible Dust Emissions (VDE) to 20% opacity or to comply with the conditions for a stabilized surface as defined in Rule 8011. [District Rules 8031 and 8011] Federally Enforceable Through Title V Permit
31. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8041 and 8011] Federally Enforceable Through Title V Permit
32. Whenever open areas are disturbed, or vehicles are used in open areas, the facility shall comply with the requirements of Section 5.0 of District Rule 8051, unless specifically exempted under Section 4.0 of Rule 8051 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8051 and 8011] Federally Enforceable Through Title V Permit
33. Any paved road or unpaved road shall comply with the requirements of District Rule 8061 unless specifically exempted under Section 4.0 of Rule 8061 (8/19/2004) or Rule 8011 (8/19/2004). [District Rule 8061 and Rule 8011] Federally Enforceable Through Title V Permit
34. Any unpaved vehicle/equipment area that anticipates more than 50 Average annual daily Trips (AADT) shall comply with the requirements of Section 5.1.1 of District Rule 8071. Any unpaved vehicle/equipment area that anticipates more than 150 vehicle trips per day (VDT) shall comply with the requirements of Section 5.1.2 of District Rule 8071. On each day that 25 or more VDT with 3 or more axles will occur on an unpaved vehicle/equipment traffic area, the owner/operator shall comply with the requirements of Section 5.1.3 of District Rule 8071. On each day when a special event will result in 1,000 or more vehicles that will travel/park on an unpaved area, the owner/operator shall comply with the requirements of Section 5.1.4 of District Rule 8071. All sources shall comply with the requirements of Section 5.0 of District Rule 8071 unless specifically exempted under Section 4.0 of Rule 8071 (9/16/2004) or Rule 8011 (8/19/2004). [District Rule 8071 and Rule 8011] Federally Enforceable Through Title V Permit

FACILITY-WIDE REQUIREMENTS CONTINUE ON NEXT PAGE

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

35. On each day that 50 or more vehicle daily trips, or 25 or more vehicle daily trips with 3 or more axles, originates from within and remains exclusively within an unpaved vehicle/equipment traffic area, the owner/operator may apply/reapply water to limit VDE to 20% opacity. The owner/operator shall restrict access and periodically stabilize a disturbed surface area whenever a site becomes inactive to comply with the conditions for a stabilized surface as defined in Rule 8011, unless specifically exempted under Section 4.0 of Rule 8071 (9/16/04) or Rule 8011 (8/19/04). [District Rules 8071 and Rule 8011] Federally Enforceable Through Title V Permit
36. 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
37. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.16] Federally Enforceable Through Title V Permit
38. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2] Federally Enforceable Through Title V Permit
39. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1] Federally Enforceable Through Title V Permit
40. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following outdated SIP requirements: Rule 110 (Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
41. 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); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (2/17/05); 4601, sections 5.1, 5.2, 5.3, and 5.8 (12/17/09); 8021 (8/19/04); 8031 (8/19/04); 8041 (8/19/04); 8051 (8/19/04); 8061 (8/19/04); and 8071 (9/16/04). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
42. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan when mandated by the regulation. [40 CFR Part 68] Federally Enforceable Through Title V Permit
43. Any person that operates a VOC emission control system subject to the provisions of Section 5.2 of District Rule 4604 (9/20/07) shall submit to the APCO for approval an Operation and Maintenance (O/M) plan. The O/M Plan shall specify actions to be taken to satisfy the requirements of District Rule 4604, Section 5.2 and shall include the following: values or range of acceptable values for key system operating parameter(s); procedures for preventive and corrective maintenance performed; procedures for collecting and recording required data and other information in a form approved by the APCO; burner maintenance schedule; catalyst maintenance and maintenance schedule, if applicable; duct inspection schedule; procedures for revising the O/M Plan; and other information necessary to verify compliance with applicable provisions of Rule 4604. The O/M Plan shall be updated prior to any planned change in operation of the VOC emission control system. [District Rule 4604, 5.2.7 and 6.5] Federally Enforceable Through Title V Permit
44. Stationary source (as defined in 40 CFR 63.2 - Definitions) emissions shall be less than 10 tons per year of each single hazardous air pollutant (HAP) (as defined in 40 CFR 63.2 - Definitions) and less than 25 tons per year for any combination of HAPs. A year, for this condition, is any consecutive 12 month period based on a monthly rolling total. [District NSR Rule] 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.

45. The owner/operator shall calculate and maintain records on a monthly basis of the quantity of each HAP emitted into the atmosphere from all sources at the facility. The HAP emissions shall be totaled for a rolling consecutive 12-month period. The records shall include an analysis (or other information) sufficiently detailed to allow the District Personal to make a finding about the source's applicability status with regard to the relevant standard or other requirement. [District NSR Rule and District Rule 2520 9.3.2] Federally Enforceable Through Title V Permit
46. The Permittee shall submit a semi annual summary report of HAP emissions report District. This report shall submitted along with semi-annual monitoring report. The report shall contain the following: (i). the monthly individual HAP and total HAP emissions for the previous 17 months and (ii). the totals for the six 12-consecutive month periods of individual HAP and total HAP emissions (i.e., one for each of the months of the reporting period). [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
47. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon December 1 of each year, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days of the end of the reporting period. [District Rule 2520, 9.5] Federally Enforceable Through Title V Permit
48. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

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

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-2253-1-7

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #1) SERVED BY ONE SOUDRONIC MODEL FBB BODYMAKER AND ONE 0.6 MMBTU/HR FLYNN AERO FLAME AF-9 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED 8.0 MMBTU/HR SMITH THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] 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.

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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: N-2253-2-7

EXPIRATION DATE: 10/31/2015

## EQUIPMENT DESCRIPTION:

SIDE SEAM STRIPE SPRAY OPERATION (LINE #2) SERVED BY ONE SOUDRONIC MODEL FBB BODYMAKER AND ONE 0.6 MMBTU/HR FLYNN AERO FLAME AF-9 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

Facility Name: BALL METAL FOOD CONTAINER (OAKDALE) LLC.

Location: 300 W GREGER ST, OAKDALE, CA 95361-8613

N-2253-2-7 : Mar 7 2016 7:00AM - TORID

35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] 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:** N-2253-3-7

**EXPIRATION DATE:** 10/31/2015

**EQUIPMENT DESCRIPTION:**

SIDE SEAM STRIPE SPRAY OPERATION (LINE #3) SERVED BY ONE SOUDRONIC MODEL FBB BODYMAKER AND ONE 0.6 MMBTU/HR FLYNN AERO FLAME AF-9 CURING TUNNEL. THE FUME HOOD (OVER THE COATING APPLICATOR AND CONVEYOR) AND CURING TUNNEL IS VENTED TO THE SHARED THERMAL OXIDIZER

## PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The VOC contaminated air stream from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall be vented to the thermal oxidizer at all times except when the thermal oxidizer is undergoing maintenance. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The collection system for fugitive VOC emissions from the side seam stripe coater, conveyor between the coater and curing tunnel, and curing tunnel shall have a minimum overall capture efficiency of 71%. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The thermal oxidizer shall be maintained at a minimum temperature of 1,490 Degrees F to provide at least 98.5% VOC control. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The thermal oxidizer shall be equipped with a continuous temperature monitoring and recording device. [District NSR Rule, Rules 2520, 9.3.2, 4604, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
7. The overall VOC capture and control efficiency shall be calculated by multiplying the percent VOC capture efficiency of the collection system by the percent VOC control efficiency of the thermal oxidizer and divide by 100. [District NSR Rule and Rule 4604, 6.7.2.3] Federally Enforceable Through Title V Permit
8. Three-piece can side seam spray operations shall not use or apply any coating with a VOC content in excess of 660 grams of VOC per liter of coating, as applied, excluding water and exempt compounds. [District Rule 4604, 5.1] Federally Enforceable Through Title V Permit
9. All solvent cleaning activities shall be performed using solvents with VOC contents not exceeding any of the following limits unless such cleaning operations are performed within the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07): product cleaning during manufacturing process or surface preparation for coating application: 25 g/l (0.21 lb/gal), repair and maintenance cleaning: 25 g/l (0.21 lb/gal), cleaning of coating application equipment except sheet coater for three-piece cans: 25 g/l (0.21 lb/gal), cleaning of sheet coater for three-piece cans: 550 g/l (4.6 lb/gal) until 9/30/2011 and 250 g/l (2.3 lb/gal) on and after 10/1/2011. [District Rule 4604, 5.4] 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. For cleaning of coating application equipment used for sheet coating of three-piece cans, cleaning activities that are performed outside the control of an APCO-approved emission control system that meets the requirements of District Rule 4604 (9/20/07) using solvents with a VOC content greater than 25 g/l (0.21 lb/gallon) shall be performed by one or more of the following methods: 1) wipe cleaning; 2) application of solvent from hand-held spray bottles from which solvents are dispensed without a propellant-induced force; 3) non-atomized solvent flow method in which the cleaning solvent is collected in a container or a collection system which is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container; or 4) solvent flushing method in which the cleaning solvent is discharged into a container that is closed except for solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged solvent from the equipment must be collected into containers without atomizing into the open air. The solvent may be flushed through the system by air or hydraulic pressure, or by pumping. [District Rule 4604, 5.4] Federally Enforceable Through Title V Permit
11. Solvent shall not be atomized into the open air. This provision shall not apply to the cleaning of nozzle tips of automated spray equipment systems, except for robotic systems, and cleaning with spray bottles or containers described in section 5.4.4.2 of Rule 4604 (9/20/07). [District Rule 4604, 5.4.5] Federally Enforceable Through Title V Permit
12. Permittee shall not use VOC-containing materials to clean spray equipment used for the application of coatings unless an enclosed system or equipment proven to be equally effective in controlling emissions is used for cleaning. [District Rule 4604, 5.4.6] Federally Enforceable Through Title V Permit
13. An operator shall store or dispose of fresh or spent solvents, waste solvent cleaning materials such as cloth, paper, etc; coatings; adhesives; catalysts; and thinners in closed, non-absorbent and non-leaking containers. The containers shall remain closed at all times except when depositing or removing the contents of the containers or when the container is empty. [District Rule 4604, 5.5] Federally Enforceable Through Title V Permit
14. Only electrostatic, flow, roll, dip, hand application, HVLP, or other application methods with a coating transfer efficiency of at least 65% shall be used. All application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4604, 5.6.2]
15. Coating transfer efficiency shall be measured using a test method pursuant to Section 6.7.4 of Rule 4604 (9/20/07). [District Rule 4604, 5.6.2.7] Federally Enforceable Through Title V Permit
16. The VOC emissions due to coating and solvent usage (from this permit unit) shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. The PM10 emissions due to coating and solvent usage (from this permit unit) shall not exceed 0.4 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
18. The combined daily VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, and N-2253-21 shall not exceed 250 pounds during any one day. [District Rule 2201] Federally Enforceable Through Title V Permit
19. The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall not exceed 58,579 pounds during any consecutive 12-month period. [District Rule 2201] Federally Enforceable Through Title V Permit
20. The NOx emission concentration from the thermal oxidizer shall not exceed 0.098 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
21. The CO emission concentration from the thermal oxidizer shall not exceed 0.082 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
22. The VOC emission concentration from the thermal oxidizer shall not exceed 0.005 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
23. The SOx emission concentration from the thermal oxidizer shall not exceed 0.00285 lb/MMBtu of natural gas consumption. [District NSR Rule and Rule 4801, 3.1]

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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

24. The PM10 emission concentration from the thermal oxidizer shall not exceed 0.0076 lb/MMBtu of natural gas consumption. [District NSR Rule] Federally Enforceable Through Title V Permit
25. VOC content of coating(s), as applied, and of solvents shall be determined by United States Environmental Protection Agency (EPA) Test Method 24 or 24A, or South Coast Air Quality Management District (SCAQMD) Method 304 (Determination of Volatile Organic Compounds in Various Materials) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.1] Federally Enforceable Through Title V Permit
26. The content of exempt halogenated VOCs shall be determined by using the California Air Resources Board (ARB) Test Method 432 or SCAQMD Test Method 303 (Determination of Exempt Compounds) on an annual basis, or by using the manufacturer's product formulation data and the formula for "Grams of VOC per liter of Material" as allowed in District Rule 4604, Section 3.0 (9/20/07). If the coating/solvent manufacturers provide certification that the previously mentioned methods are used to determine the VOC content, copies of the coating/solvent product data sheets and the certifications may be maintained, used to calculate the VOC content of the coating, as applied, and shall be considered compliance with this condition. [District Rules 2520, 9.3.2 and 4604, 6.7.1.2] Federally Enforceable Through Title V Permit
27. The operator shall source test each collection device to determine the capture efficiency at least once five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
28. The capture efficiency of VOC emission collection devices shall be determined according to EPA's "Guidelines for Determining Capture Efficiency," January 9, 1995 and 40 CFR 51, Appendix M, Methods 204-204F, as applicable, or any other method approved by EPA, ARB, and the APCO. [District Rules 2520, 9.3.2 and 4604, 6.7.2.1] Federally Enforceable Through Title V Permit
29. The operator shall source test the thermal oxidizer at least once every twelve (12) months to demonstrate compliance with the VOC control efficiency requirements. [District Rule 2201] Federally Enforceable Through Title V Permit
30. The control efficiency of VOC emission control device(s) shall be determined using EPA Methods 2, 2A, or 2D for measuring flow rates and EPA Methods 25, 25A, or 25B for measuring total gaseous organic concentrations at the inlet and outlet of the control device. EPA Method 18 or ARB Method 422 shall be used to determine the emissions of exempt compounds. [District Rule 4604, 6.7.2.2] Federally Enforceable Through Title V Permit
31. Source testing of the capture efficiency and control efficiency of VOC emission collection and control devices shall be performed under conditions representative of normal operating conditions and under conditions specified in the Permit-To-Operate. [District Rules 1081 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
32. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
34. A list of the coatings, catalysts and reducers used, the mix ratio of the components used, the VOC content of each coating used (as applied) and of the VOC content of each solvent used for clean-up and surface preparation shall be kept. The list shall be made available to the District upon request. [District Rules 2520, 9.3.2 and 4604, 6.1, 6.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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35. Daily records of the following shall be kept: (a) The specific coatings used and the mix ratio of the components added to the coatings prior to application; (b) The volume of each coating used in gallons; (c) The specific solvent used for clean-up and surface preparation; (d) The volume of each solvent used; (e) The VOC emissions due to coating and solvent usage from this permit unit; (f). The combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21 and N-2253-22; (g). The operating temperature of the thermal oxidizer. [District Rules 1070, 2520, 9.3.2 and 4604, 6.1, 6.2 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
36. Records of the date, the time period and the reason that the thermal oxidizer is out of service shall be kept. [District NSR Rule, Rules 2520, 9.3.2, 4604, 5.2.2, 6.3 and 40 CFR Part 64] Federally Enforceable Through Title V Permit
37. Records of the combined VOC emissions from the equipment operating under permits N-2253-1, N-2253-2, N-2253-3, N-2253-4, N-2253-6, N-2253-7, N-2253-8, N-2253-9, N-2253-21, and N-2253-22 shall be kept for any consecutive 12-month period. [District Rules 2201 and 2520, 9.3.2] Federally Enforceable Through Title V Permit
38. All records shall be retained for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 4604, 6.2, 6.3, and 6.4] Federally Enforceable Through Title V Permit

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