



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: August 26, 2025

Effective Date: August 26, 2025

Expiration Date: December 31, 2026

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 35-00077C

Federal Tax Id - Plant Code: 84-4331208-1

Owner Information

Name: CANPACK US LLC
Mailing Address: 1400 E LACKAWANNA AVE.
OLYPHANT, PA 18447-2152

Plant Information

Plant: CANPACK US LLC/OLYPHANT
Location: 35 Lackawanna County 35811 Olyphant Borough
SIC Code: 3411 Manufacturing - Metal Cans

Responsible Official

Name: ANGEL FERNANDEZ-CARBONELL
Title: REGIONAL GENERAL MGR - US
Phone: (816) 548 - 7512 Email: Angel.Fernandez@canpack.com

Plan Approval Contact Person

Name: ELIZABETH KURA
Title: ENV. ENGINEER
Phone: (484) 269 - 0366 Email: elizabeth.kura@canpack.com

[Signature] _____
MARK J. WEJKSZNER, NORTHEAST REGION AIR PROGRAM MANAGER



Plan Approval Description

Canpack is submitting this plan approval application to modify their existing Operating Permit 35-00077 to make the following updates to ensure consistency with the final facility design and operation. This plan approval will:

- Change the control efficiency of the regenerative thermal oxidizers (RTO) from 99% control to 98% control for VOCs
- Update the maximum RTO flowrate from 20,000 scfm to 21,000 scfm in the potential emission calculations
- Updates to potential to emit calculations to reflect changes to the coatings used at the facility and changes to the maximum coating and chemical throughputs



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Note: These same sub-sections are repeated for each source!

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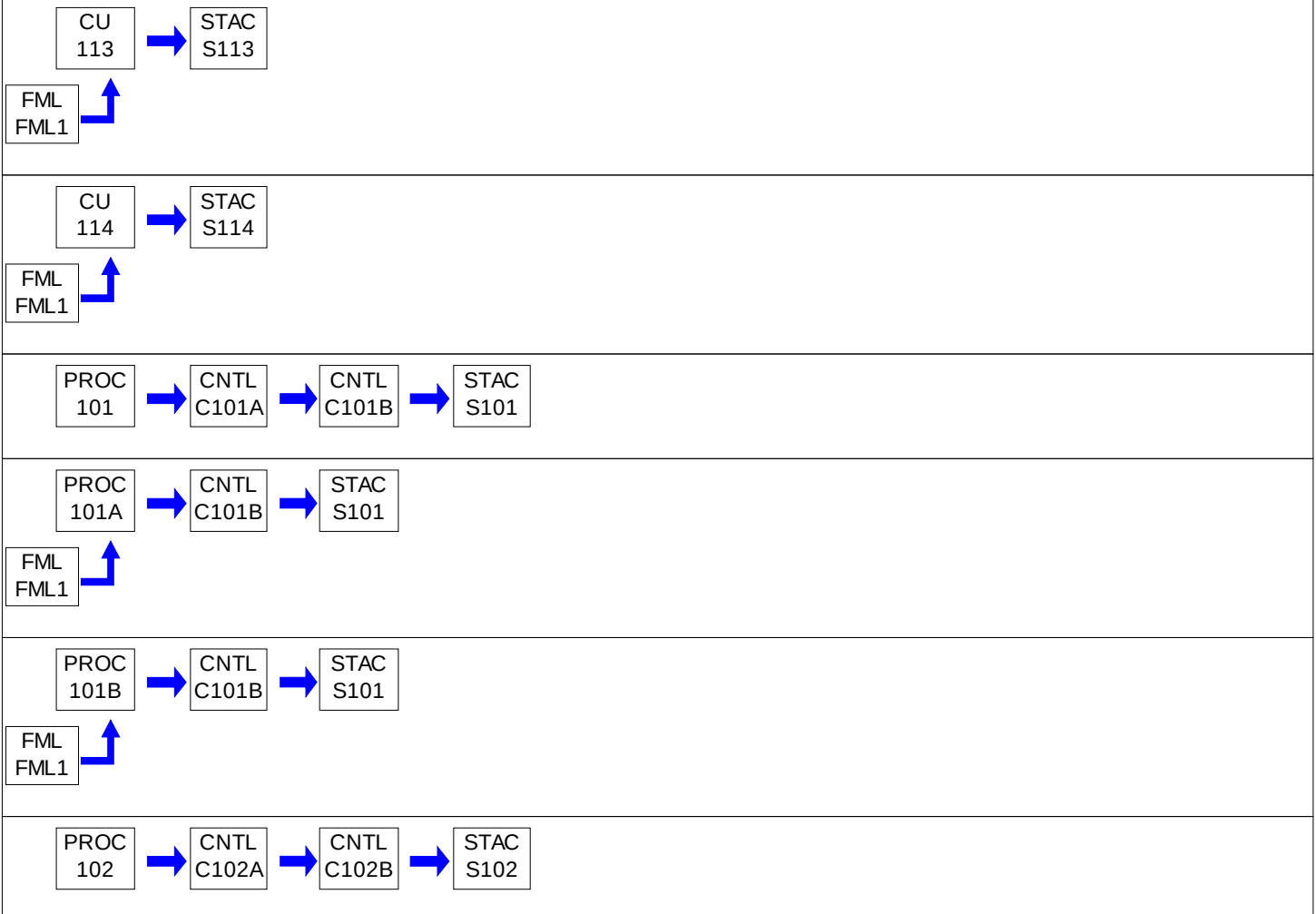
Section H. Miscellaneous

**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
113	FOUR (4) WATER HEATERS-2.34 MMBTU/HR EACH	2.340 MMBTU/HR	
114	FOUR (4) WASHER DRYER-1.7 MMBTU/HR EACH	1.700 MMBTU/HR	
101	ALUMINUM CAN MFG LINE 1 - COLD SOURCES	188.000 Lbs/HR 203.000 Lbs/HR 23.000 Lbs/HR 460.000 Lbs/HR	VOC BASE COAT VOC OVERVARNISH VOC DECORATOR INKS VOC INTERIOR SPRAY
101A	PIN OVENS (3) - LINE 1 - HOT SOURCES	8.460 MCF/HR	Natural Gas
101B	INSIDE BAKE OVEN - LINE 1 - HOT SOURCES	4.080 MCF/HR	Natural Gas
102	ALUMINUM CAN MFG LINE 2 - COLD SOURCES	111.000 Lbs/HR 16.000 Lbs/HR 380.000 Lbs/HR	VOC OVERVARNISH VOC DECORATOR INK VOC INTERIOR SPRAY
102A	PIN OVENS (2) - LINE 2 - HOT SOURCES	5.640 MCF/HR	Natural Gas
102B	INSIDE BAKE OVEN - LINE 2 - HOT SOURCES	4.080 MCF/HR	Natural Gas
103	ALUMINUM CAN MFG LINE 3 - COLD SOURCES	85.000 Lbs/HR 12.000 Lbs/HR 244.000 Lbs/HR	VOC OVERVARNISH VOC DECORATOR INKS VOC INTERIOR SPRAY
103A	PIN OVENS (2) - LINE 3 - HOT SOURCES	5.640 MCF/HR	Natural Gas
103B	INSIDE BAKE OVEN - LINE 3 - HOT SOURCES	4.080 MCF/HR	Natural Gas
104	ALUMINUM CAN MFG LINE 4 - COLD SOURCES	100.000 Lbs/HR 13.000 Lbs/HR 271.000 Lbs/HR	VOC OVERVARNISH VOC DECORATOR INKS VOC INTERIOR SPRAY
104A	PIN OVENS (2) - LINE 4 - HOT SOURCES	5.640 MCF/HR	Natural Gas
104B	INSIDE BAKE OVEN - LINE 4 - HOT SOURCES	4.080 MCF/HR	Natural Gas
105	FIRE PUMPS (2) - 350 BHP	17.300 Gal/HR	DIESEL
106	SOLVENT CLEAN UP		
107	COATING/INK MIX ROOM		
108	FOUR (4) PLATE WASHING STATIONS		
109	FOUR (4) CUPPER		
110	FOUR (4) BODY MAKER		
111	FOUR (4) CAN WASHERS		
112	FOUR (4) UV COATERS		
115	SIX (6) COATING STORAGE TANKS-EACH LESS THAN 10,000 GAL		
116	EMERGENCY GENERATOR - 755 BHP		
C101A	DUST COLLECTOR		
C101B	REGENERATIVE THERMAL OXIDIZER		
C102A	DUST COLLECTOR		
C102B	REGENERATIVE THERMAL OXIDIZER		
C103A	DUST COLLECTOR		
C103B	REGENERATIVE THERMAL OXIDIZER		
C104A	DUST COLLECTOR		
C104B	REGENERATIVE THERMAL OXIDIZER		
FML1	NATURAL GAS		
FML2	ULTRA LOW SULFUR DIESEL		

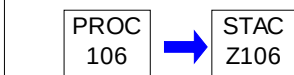
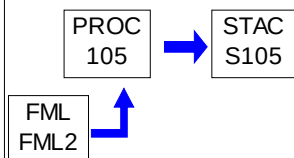
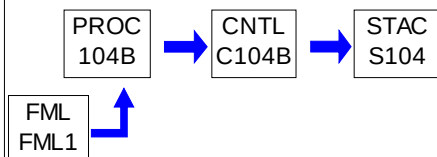
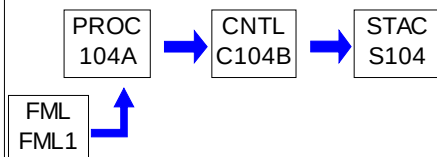
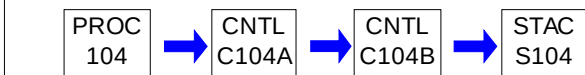
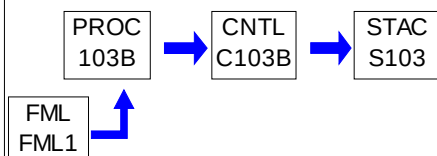
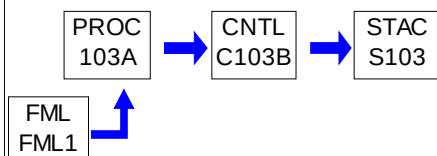
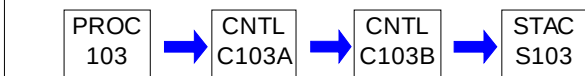
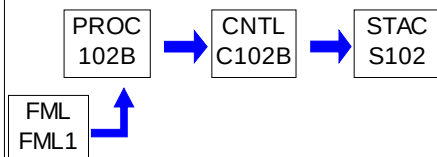
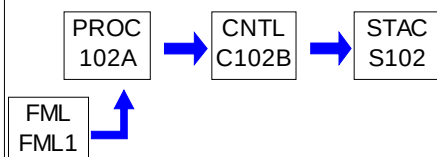
**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S101	STACK FOR LINE 1		
S102	STACK FOR LINE 2		
S103	STACK FOR LINE 3		
S104	STACK FOR LINE 4		
S105	STACK - FIRE PUMPS (2)		
S113	WATER HEATER STACK		
S114	DRYER STACKS		
S116	STACK - EMERGENCY GENERATOR STACK		
Z106	FUGITIVE - SOLVENT CLEAN UP		
Z107	FUGITIVE - COATING/INK MIX ROOM		
Z108	FUGITIVE - FOUR (4) PLATE WASHING STATIONS		
Z109	FUGITIVE - FOUR (4) CUPPER		
Z110	FUGITIVE - FOUR (4) BODY MAKER		
Z111	FUGITIVE - FOUR (4) CAN WASHERS		
Z112	FUGITIVE - FOUR (4) UV COATERS		
Z115	FUGITIVE - SIX (6) COATING STORAGE TANKS		

PERMIT MAPS



PERMIT MAPS



**PERMIT MAPS**

PROC
107 → STAC
Z107

PROC
108 → STAC
Z108

PROC
109 → STAC
Z109

PROC
110 → STAC
Z110

PROC
111 → STAC
Z111

PROC
112 → STAC
Z112

PROC
115 → STAC
Z115

PROC
116 → STAC
S116

**SECTION B. General Plan Approval Requirements****#001 [25 Pa. Code § 121.1]****Definitions**

Words and terms that are not otherwise defined in this plan approval shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.12b (a) (b)]**Future Adoption of Requirements**

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]**Plan Approval Temporary Operation**

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 30 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]**Content of Applications**

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]**Public Records and Confidential Information**

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the

**SECTION B. General Plan Approval Requirements**

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]**Plan Approval terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]**Transfer of Plan Approvals**

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(a)(4) & 35 P.S. § 4008 & § 114 of the CAA]**Inspection and Entry**

(a) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

**SECTION B. General Plan Approval Requirements**

(c) Nothing in this plan approval condition shall limit the ability of the Environmental Protection Agency to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#009 [25 Pa. Code 127.13a]**Plan Approval Changes for Cause**

This plan approval may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

(a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.

(b) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.

(c) The permittee fails to submit a report required by this plan approval.

(d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The permittee, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this plan approval, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#011 [25 Pa. Code § 127.12c]**Submissions**

Reports, test data, monitoring data, notifications shall be submitted to the:

Regional Air Program Manager

PA Department of Environmental Protection

(At the address given on the plan approval transmittal letter or otherwise notified)

#012 [25 Pa. Code § 127.12(a)(9) & 40 CFR Part 68]**Risk Management**

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by the Environmental Protection Agency no later than the latest of the following:

**SECTION B. General Plan Approval Requirements**

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or the Environmental Protection Agency concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this plan approval condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

#013 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

**SECTION C. Site Level Plan Approval Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the act.

002 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Sources and classes of sources other than those identified in paragraphs (1)-(5), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) the emissions are of minor significance with respect to causing air pollution; and
 - (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

003 [25 Pa. Code §123.2]**Fugitive particulate matter**

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in § 123.1 (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]**Limitations**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

005 [25 Pa. Code §123.42]**Exceptions**

The limitations of 123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:

- (1) when the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in § 123.1(a)(1) -- (6) (relating to prohibition of certain fugitive emissions).

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall limit emissions from the facility to less than the following during any consecutive 12-month period:

**SECTION C. Site Level Plan Approval Requirements**

- a. PM-10 - 100 tons
- b. PM-2.5 - 100 tons
- c. Sulfur Dioxide - 100 tons
- d. Nitrogen Oxides - 100 tons
- e. Carbon Monoxide - 100 tons
- f. Volatile Organic Compounds (VOC) - 50 tons
- g. Hazardous Air Pollutants (HAP)
 - 1. 10 tons of any individual
 - 2. 25 tons total of all

Throughput Restriction(s).**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The annual coating usage for the facility shall not exceed the following for each coating types during any consecutive 12-month period:

- a. Basecoatings - 665,000 kg/year
- b. Overvarnish coatings – 1,764,300 kg/year
- c. Decorator Inks - 228,200 kg/year
- d. Inside Spray coatings -4,791,100 kg/year (includes inks and inside spray)

II. TESTING REQUIREMENTS.**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

If at any time the Department has reason to believe that the air contaminant emissions are, or may be, in excess of any applicable air contaminant emission limitation, the owner or operator shall conduct such stack tests or source tests requested by the Department to determine the actual air contaminant emission rate. The owner or operator shall perform any such testing in accordance with the applicable provisions of 25 Pa. Code, Chapter 139 (relating to sampling and testing) as well as in accordance with any additional requirements or conditions established by the Department at the time the owner or operator is notified, in writing, of the need to conduct testing.

009 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Performance testing shall be conducted as follows:

- (a) The Permittee shall submit a pre-test protocol to the Department for review at least 45 days prior to the performance of any EPA reference method stack test. The Permittee shall submit a one-time protocol to the Department for review for the use of a portable analyzer and may repeat portable analyzer testing without additional protocol approvals provided that the same method and equipment are used. All proposed performance test methods shall be identified in the pre-test protocol and approved by the Department prior to testing.
- (b) The Permittee shall notify the Regional Air Quality Program Manager at least 15 days prior to any performance test so that an observer may be present at the time of the test. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.
- (c) Pursuant to 40 CFR Part 60.8(a), a complete test report shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an emission test program.
- (d) Pursuant to 25 Pa. Code Section 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or non-compliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:
 - (1) A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the

**SECTION C. Site Level Plan Approval Requirements**

findings.

(2) Permit number(s) and condition(s) which are the basis for the evaluation.

(3) Summary of results with respect to each applicable permit condition.

(4) Statement of compliance or non-compliance with each applicable permit.

(e) Pursuant to 25 Pa. Code § 139.3 all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(g) Pursuant to 25 Pa. Code Section 139.53(a)(1) and 139.53(a)(3) all submittals, besides notifications, shall be accomplished through PSIMS*Online available through <https://www.depgreenport.state.pa.us/ecomm/Login.jsp> when it becomes available. If internet submittal cannot be accomplished, three copies of the submittal shall be sent to the Pennsylvania Department of Environmental Protection, Bureau of Air Quality, Division of Source Testing and Monitoring, 400 Market Street, 12th Floor Rachael Carson State Office Building, Harrisburg, PA 17105-8468 with deadlines verified through document postmarks.

(h) The permittee shall ensure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

010 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall use one of the following procedures to determine VOC contains of each coatings/inks used at the facility:

(1) The permittee shall perform annual testing on all coatings/inks as applied in accordance with reference method 24, 40 CFR Part 60, Appendix A, and 25 Pa. Code 139.14(a)(1).

(2) The permittee shall obtain certifications of reference Method 24, 40 CFR Part 60, Appendix A directly from the coatings/inks manufacturers or suppliers of each coatings/inks. These certifications shall be obtained each year and each time the manufacturer or supplier changes.

011 [25 Pa. Code §139.1]**Sampling facilities.**

Upon the request of the Department, the person responsible for a source shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

012 [25 Pa. Code §139.11]**General requirements.**

The following are applicable to source tests for determining emissions from stationary sources:

(1) Performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(2) The Department will consider for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum all of the following:

(i) A thorough source description, including a description of any air cleaning devices and the flue.

(ii) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature, and other conditions which may affect emissions from the process.

**SECTION C. Site Level Plan Approval Requirements**

- (iii) The location of the sampling ports.
- (iv) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂ and N₂), static and barometric pressures.
- (v) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (vi) Laboratory procedures and results.
- (vii) Calculated results.

III. MONITORING REQUIREMENTS.**# 013 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of devices approved by the Department.

014 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall conduct a facility-wide inspection for the presence of any visible stack emissions, fugitive emissions, and any potentially objectionable odors at the property line at a minimum of once a week, during daylight hours, and while the sources are operating. If visible stack emissions, fugitive emissions, and/or potentially objectionable odors are apparent, the permittee shall take corrective action. Records of each inspection shall be maintained in a log and at the minimum include the date, time, name and title of the observer, along with any corrective action taken as a result.

015 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall ensure that the control devices shall be equipped with the applicable monitoring equipment and the monitoring equipment shall be installed, calibrated, operated, and maintained according to the vendors specifications at all times the control equipment is in use. The permittee shall monitor pressure drops across control devices to insure the pressure drop is within manufacturer's specifications.

IV. RECORDKEEPING REQUIREMENTS.**# 016 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

All logs and required records shall be maintained on site for a minimum of five years and shall be made available to the Department upon request.

017 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall maintain the following comprehensive and accurate records:

- (a) Amount of fuel used by ovens on a 12-month rolling sum basis.
- (b) Hours of operation of each oven and aluminum can manufacturing line on a 12-month rolling sum basis.
- (c) Results of facility-wide inspections including the date, time, name, and title of the observer, along with any corrective action taken as a result.
- (d) Copies of the manufacturer's recommended maintenance schedule for each air source and air cleaning device.
- (e) All maintenance performed on each source and air cleaning device.
- (f) Amount of each coating/ink/solvent used at the facility for each source on a 12-month rolling sum basis.

**SECTION C. Site Level Plan Approval Requirements****# 018 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall keep records of the supporting calculations on a monthly basis for NO_x, CO, VOCs, PM, PM₁₀, PM_{2.5}, and HAPs emissions from all sources at the facility.

(b) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

019 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall keep up-to-date records of Certified Product Data Sheets (CPDSs) or Material Safety Data Sheets (MSDSs) that identify the volatile organic compound (VOC) content and hazardous air pollutant (HAP) content of each VOC and/or HAP containing material used at the facility.

020 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

A record of the quantity of all VOC's used in various processes for each line must be calculated on a monthly basis (12 month rolling sum).

021 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee can modify the mixture of pollutants regulated under section 112 of the Clean Air Act (42 U.S.C.A. Subsection 7412) which are VOCs or PM₁₀ so long as the emission limitations of the permit are not violated. The permittee shall keep a log which identifies the mixture of pollutants regulated under section 112 and report the changes in the mixture of pollutants regulated under section 112 with the next report required to be provided to the Department.

022 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall maintain records of monthly natural gas usage for the facility. For the purpose of AIMS (Air Information Management System) Reporting, the permittee may estimate the gas usage by each source, based on the hours of operation and the Btu rating.

023 [25 Pa. Code §135.5]**Recordkeeping**

Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 135.21 (relating to reporting; and emission statements). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed informed by indirect means.

V. REPORTING REQUIREMENTS.**# 024 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Malfunction reporting shall be conducted as follows:

(a) For purpose of this condition a malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment or source to operate in a normal or usual manner that may result in an increase in the emission of air contaminants. Examples of malfunctions may include, but are not limited to: large dust plumes, heavy smoke, a spill or release that results in a malodor that is detectable outside the property of the person on whose land the source is being operated.

(b) When the malfunction poses an imminent and substantial danger to the public health and safety or the environment, the notification shall be submitted to the Department no later than one hour after the incident commences.

(c) All other malfunctions that must be reported under subsection (a) shall be reported to the Department no later than the next business day.

**SECTION C. Site Level Plan Approval Requirements**

(d) The report shall describe the:

- (1) Name and location of the facility;
- (2) Nature and cause of the malfunction or breakdown;
- (3) Time when the malfunction or breakdown was first observed;
- (4) Expected duration of excess emissions; and
- (5) Estimated rate of emissions.

(e) Malfunctions shall be reported to the Department electronically or by sending to the following address:

PA DEP
Air Quality Program
2 Public Square
Wilkes Barre, PA 18701
570-826-2511

(f) The owner or operator shall notify the Department immediately upon completion when corrective measures have been accomplished.

(g) Subsequent to the malfunction, the owner/operator shall submit a full written report to the Department including the items identified in (d) and corrective measures taken on the malfunction within 15 days, if requested.

025 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The annual emission report shall include all emissions information for all previously reported sources and new sources which were first operated during the preceding calendar year. Emissions data including, but not limited to the following, shall be reported: carbon monoxide (CO), oxides of nitrogen (NO_x), particulate matter less than 10 micrometers in diameter (PM₁₀), particulate matter less than 2.5 micrometers in diameter (PM_{2.5}), sulfur dioxide (SO₂), volatile organic compounds (VOC), total hazardous air pollutants (HAP) and speciated individual HAP emissions. The statement shall also contain a certification by a company officer or the plant manager that the information contained in the statement is accurate.

026 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The facility is subject to New Source Performance Standards from 40 CFR Part 60 Subpart WW and Subpart IIII. In accordance with 40 CFR §60.4, copies of all requests, reports, applications, submittals and other communications regarding the engines shall be forwarded to both EPA and the Department at the addresses listed below unless otherwise noted.

US EPA Region 3
Four Penn Center
1600 John F. Kennedy Blvd.
Philadelphia, PA 19103-2029

PA DEP
Air Quality Program
2 Public Square
Wilkes Barre, PA 18701

As applicable, any NSPS and MACT reports submitted electronically should be submitted to EPA's Central Data Exchange:
<https://cdx.epa.gov/>

027 [25 Pa. Code §135.21]

Emission statements

(a) Except as provided in subsection (d), this section applies to stationary sources or facilities:

- (1) Located in an area designated by the Clean Air Act as a marginal, moderate, serious, severe or extreme ozone nonattainment area and which emit oxides of nitrogen or VOC.

**SECTION C. Site Level Plan Approval Requirements**

(2) Not located in an area described in subparagraph (1) and included in the Northeast Ozone Transport Region which emit or have the potential to emit 100 tons or more oxides of nitrogen or 50 tons or more of VOC per year.

(b) The owner or operator of each stationary source emitting oxides of nitrogen or VOC's shall provide the Department with a statement, in a form as the Department may prescribe, for classes or categories of sources, showing the actual emissions of oxides of nitrogen and VOCs from that source for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based. The statement shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate.

(c) Annual emission statements are due by March 1 for the preceding calendar year and shall provide data consistent with requirements and guidance developed by the EPA. The guidance document is available from: United States Environmental Protection Agency, 401 M. Street, S.W., Washington, D.C. 20460. The Department may require more frequent submittals if the Department determines that one or more of the following applies:

(1) A more frequent submission is required by the EPA.

(2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the act.

(d) Subsection (a) does not apply to a class or category of stationary sources which emits less than 25 tons per year of VOCs or oxides of nitrogen, if the Department in its submissions to the Administrator of the EPA under section 182(a)(1) or (3)(B)(ii) of the Clean Air Act (42 U.S.C.A. § 7511a(a)(1) or (3)(B)(ii)) provides an inventory of emissions from the class or category of sources based on the use of the emission factors established by the Administrator or other methods acceptable to the Administrator. The Department will publish in the Pennsylvania Bulletin a notice of the lists of classes or categories of sources which are exempt from the emission statement requirement under this subsection.

028 [25 Pa. Code §135.3]**Reporting**

(a) The permittee shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.

(b) A source owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

029 [25 Pa. Code §135.4]**Report format**

All source reports shall contain sufficient information to enable the Department to complete its emission inventory. Source reports shall be made by the source owner or operator in a format specified by the Department.

VI. WORK PRACTICE REQUIREMENTS.**# 030 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in Section C - Condition #002 of this permit, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

(1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

(2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(3) Paving and maintenance of roadways.

(4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

**SECTION C. Site Level Plan Approval Requirements****# 031 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- (a) No source may operate unless its associated control device/s are operating without malfunction.
- (b) No fugitive air contaminant emissions shall be generated as a result of removing collected dust from a control device or as a result of subsequently handling the collected dust on-site following its removal from a control device.
- (c) Fugitive emissions shall not cross the owner or operator's property line at any time.

032 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall construct, operate, and maintain all air contamination sources and air cleaning devices authorized under this Operating Permit in accordance with the manufacturer's specifications and recommended maintenance schedules.

033 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The company shall maintain and operate the air pollution control equipment and sources in accordance with good engineering practice.

034 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

All chemicals used in operations must comply with Best Available Technology to minimize VOC emissions. All process chemicals must be stored in closed containers.

035 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The company shall keep all doors and windows of the coater enclosures and ovens closed at all times the processes are in operation.

036 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The owner or operator shall comply with the following work practices for cleaning materials:

- (1) Store all VOC-containing cleaning materials and used shop towels in closed containers.
- (2) Ensure that mixing and storage containers used for VOC-containing cleaning materials are kept closed at all times, except when depositing or removing these materials.
- (3) Minimize spills of VOC-containing cleaning materials and clean up spills immediately.
- (4) Convey VOC-containing cleaning materials from one location to another in closed containers or pipes.
- (5) Minimize VOC emissions from cleaning of storage, mixing and conveying equipment.

037 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The aforementioned source(s) may only be operated as long as the associated air pollution control devices are operationed and maintained in accordance with the specifications set forth in the respective plan approval (s) and the application(s) submitted for said plan approval (s) (as approved by the Department), and in accordance with any conditions set forth herein.

VII. ADDITIONAL REQUIREMENTS.**# 038 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Capture efficiency testing and emissions testing on the permanent total enclosures are conducted in accordance with methods approved by the EPA.

**SECTION C. Site Level Plan Approval Requirements****# 039 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Nothing in this Operating Permit shall relieve the owner or operator from complying with any local zoning ordinances.

040 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall comply with all applicable requirements of New Source Performance Standards from 40 CFR Part 60 Subpart WW and Subpart IIII.

041 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall not permit the open burning of materials at this facility unless in accordance with 25 Pa. Code Section 129.14.

042 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

New air contamination sources and air cleaning devices authorized for operation under this Operating Permit include:

1. Four (4) aluminum cans manufacturing lines, consisting following equipment:

- a. One (1) Basecoat application
- b. Four (4) Decorator ink application
- c. Four (4) Overvarnish coating
- d. Nine (9) Pin ovens – natural gas fired
- e. Four (4) Inside spray machines
- f. Four (4) Inside bake ovens – natural gas fired, each with a capacity of 4.2 MMBtu/hr
- g. Four (4) Baghouses to control PM emissions from above sources and Four (4) RTOs to control VOC emissions
- h. Four (4) Plate Washing
- i. Solvent Clean Up
- j. Coating/Ink Mix Room
- k. Four (4) Cuppers
- l. Four (4) Bodymakers
- m. Four (4) Can Washers
- n. Four (4) UV Rim Coating
- o. Six (6) Inside spray and overvarnish storage tanks less than 10,000 gal
- p. Four (4) Water Heaters – each with capacity of 2.34 MMBtu/hr
- q. Four (4) Washer Dryer – each with capacity of 1.70 MMBtu/hr
- r. Two (2) Diesel fire pumps (350 Hp)
- s. One (1) diesel emergency generator (775 hp)

043 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall comply with all applicable requirements under 40 CFR Part 68 related to the Chemical Accident Prevention Provisions.

044 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The company shall demonstrate 100 % capture efficiency for VOCs (Volatile Organic Compounds) using permanent total enclosures (PTE) on the inside spray machines as stated in the Operating Permit Application.

045 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The company shall not impose conditions upon or otherwise restrict the Department's access to the aforementioned source(s) and/or any associated air cleaning device(s) and shall allow the Department to have access at any time to said source(s) and associated air cleaning device(s) with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act.

**SECTION C. Site Level Plan Approval Requirements****# 046 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Capture efficiency testing and emissions testing on the permanent total enclosures are conducted in accordance with methods approved by the EPA.

047 [25 Pa. Code §129.14]**Open burning operations**

(a) Outside of air basins. No person may permit the open burning of material in an area outside of air basins in a manner that:

(1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.

(2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.

(3) The emissions interfere with the reasonable enjoyment of life or property.

(4) The emissions cause damage to vegetation or property.

(5) The emissions are or may be deleterious to human or animal health.

(b) Exceptions: The requirements of subsections (a) do not apply where the open burning operations result from:

(1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.

(2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(3) A fire set for the prevention and control of disease or pests, when approved by the Department.

(4) A fire set solely for recreational or ceremonial purposes.

(5) A fire set solely for cooking food.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 113

Source Name: FOUR (4) WATER HEATERS-2.34 MMBTU/HR EACH

Source Capacity/Throughput:

2.340 MMBTU/HR

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

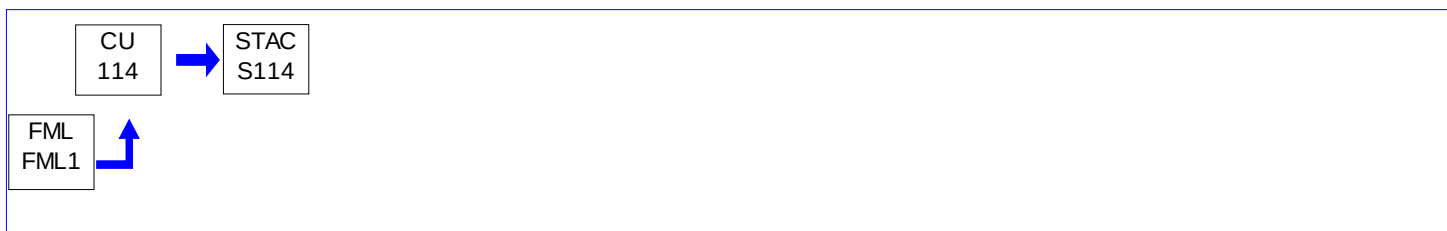
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 114

Source Name: FOUR (4) WASHER DRYER-1.7 MMBTU/HR EACH

Source Capacity/Throughput:

1.700 MMBTU/HR

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

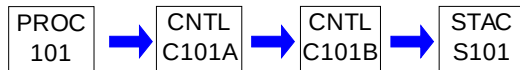
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 101

Source Name: ALUMINUM CAN MFG LINE 1 - COLD SOURCES

Source Capacity/Throughput:	188.000 Lbs/HR	VOC BASE COAT
	203.000 Lbs/HR	VOC OVERVARNISH
	23.000 Lbs/HR	VOC DECORATOR INKS
	460.000 Lbs/HR	VOC INTERIOR SPRAY

Conditions for this source occur in the following groups: CAN COATING- FED REQ/2 PC CAN PROD.
CAN COATING/PROD - STATE REQUIREMENTS
CONTROL DEVICES
ENCLOSURE/CAPTURE EFFICIENCIES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 101A

Source Name: PIN OVENS (3) - LINE 1 - HOT SOURCES

Source Capacity/Throughput:

8.460 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: CONTROL DEVICES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 101B

Source Name: INSIDE BAKE OVEN - LINE 1 - HOT SOURCES

Source Capacity/Throughput:

4.080 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: CONTROL DEVICES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

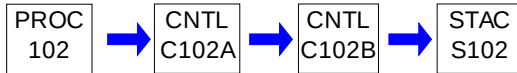
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 102

Source Name: ALUMINUM CAN MFG LINE 2 - COLD SOURCES

Source Capacity/Throughput:	111.000 Lbs/HR	VOC OVERVARNISH
	16.000 Lbs/HR	VOC DECORATOR INK
	380.000 Lbs/HR	VOC INTERIOR SPRAY

Conditions for this source occur in the following groups: CAN COATING- FED REQ/2 PC CAN PROD.
CAN COATING/PROD - STATE REQUIREMENTS
CONTROL DEVICES
ENCLOSURE/CAPTURE EFFICIENCIES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 102A

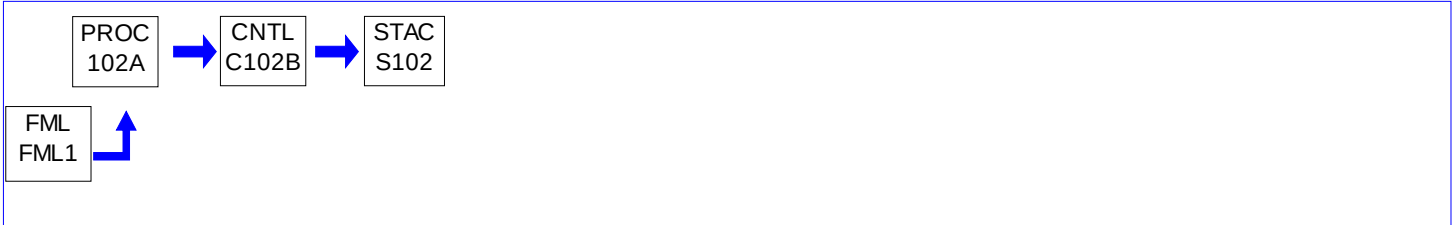
Source Name: PIN OVENS (2) - LINE 2 - HOT SOURCES

Source Capacity/Throughput:

5.640 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: CONTROL DEVICES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 102B

Source Name: INSIDE BAKE OVEN - LINE 2 - HOT SOURCES

Source Capacity/Throughput:

4.080 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: CONTROL DEVICES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

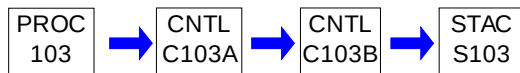
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 103

Source Name: ALUMINUM CAN MFG LINE 3 - COLD SOURCES

Source Capacity/Throughput:	85.000 Lbs/HR	VOC OVERVARNISH
	12.000 Lbs/HR	VOC DECORATOR INKS
	244.000 Lbs/HR	VOC INTERIOR SPRAY

Conditions for this source occur in the following groups: CAN COATING- FED REQ/2 PC CAN PROD.
CAN COATING/PROD - STATE REQUIREMENTS
CONTROL DEVICES
ENCLOSURE/CAPTURE EFFICIENCIES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 103A

Source Name: PIN OVENS (2) - LINE 3 - HOT SOURCES

Source Capacity/Throughput:

5.640 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: CONTROL DEVICES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 103B

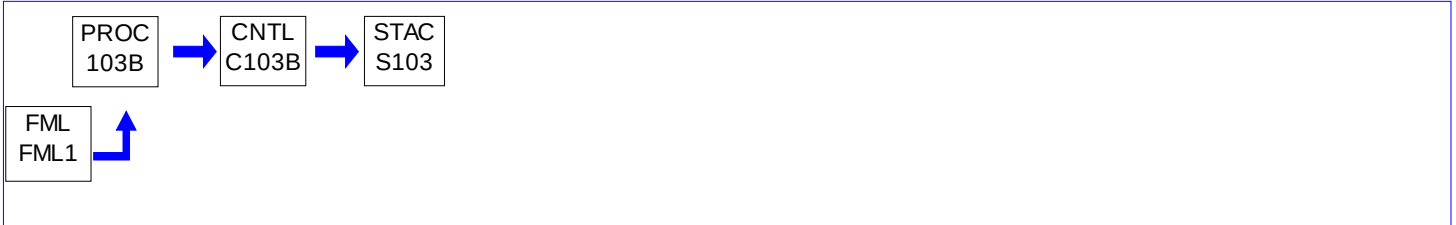
Source Name: INSIDE BAKE OVEN - LINE 3 - HOT SOURCES

Source Capacity/Throughput:

4.080 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: CONTROL DEVICES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

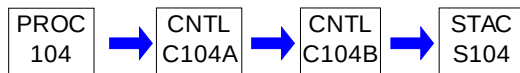
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 104

Source Name: ALUMINUM CAN MFG LINE 4 - COLD SOURCES

Source Capacity/Throughput:	100.000 Lbs/HR	VOC OVERVARNISH
	13.000 Lbs/HR	VOC DECORATOR INKS
	271.000 Lbs/HR	VOC INTERIOR SPRAY

Conditions for this source occur in the following groups: CAN COATING- FED REQ/2 PC CAN PROD.
CAN COATING/PROD - STATE REQUIREMENTS
CONTROL DEVICES
ENCLOSURE/CAPTURE EFFICIENCIES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

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IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 104A

Source Name: PIN OVENS (2) - LINE 4 - HOT SOURCES

Source Capacity/Throughput:

5.640 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: CONTROL DEVICES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 104B

Source Name: INSIDE BAKE OVEN - LINE 4 - HOT SOURCES

Source Capacity/Throughput:

4.080 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: CONTROL DEVICES

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

**SECTION D. Source Level Plan Approval Requirements**

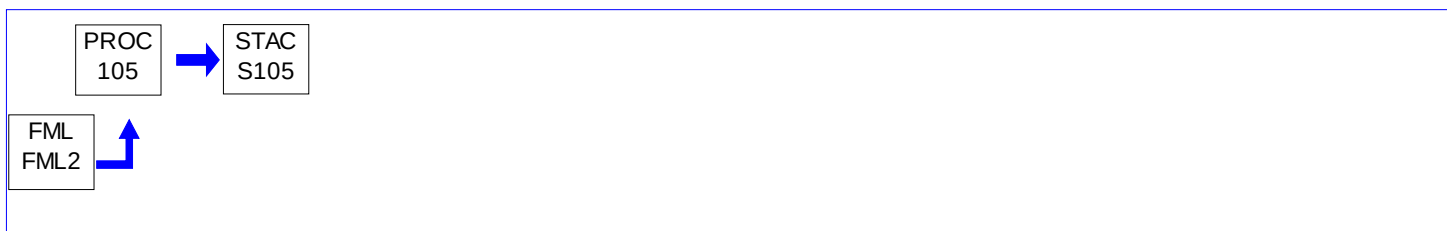
Source ID: 105

Source Name: FIRE PUMPS (2) - 350 BHP

Source Capacity/Throughput:

17.300 Gal/HR

DIESEL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

1. The permittee may not permit the emission into the outdoor atmosphere of particulate matter, expressed as PM, in excess of 0.04 grain per dry standard cubic foot.
2. The permittee may not permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, in excess of 500 parts per million, dry basis.

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal co**

Pursuant to the requirements of 40 CFR § 60.4205(c) and 60.4211(c), the fire pump engines, Source ID 105, shall be EPA certified to meet the emissions standards that are specified in 40 CFR §§ 60.4205(c) for the same model year and maximum engine power.

Fuel Restriction(s).**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is also derived from the provisions of 40 CFR § 60.4207]

The permittee shall only use diesel fuel that is classified as ULTRA-LOW SULFUR NON-HIGHWAY DIESEL FUEL (15 ppm Sulfur Maximum) pursuant to 40 CFR Part 80 Subpart I, to operate the fire pump engines (Source ID 105).

Operation Hours Restriction(s).**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The total operation of each Source ID 105 engine shall not exceed 500 hours in any 12 consecutive month period. This limit includes 100 hours per year of testing and maintenance purposes, of which 50 hours can be utilized for non-emergency operation.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Source Id 105 shall be equipped with a non-resettable meter for hours of operation prior to startup and the meter shall be operated at all times Source is in operation.

**SECTION D. Source Level Plan Approval Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall keep records of the fuel certification reports for each delivery of diesel fuel to verify compliance with the fuel restriction requirements.

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

a. The permittee shall maintain comprehensive, accurate records which, at a minimum, shall include:

i. The number of hours per 12 month rolling sum that fire pump engines or piece of equipment operated. Document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency.

ii. The date, time, and duration of each start-up and shut-down of the engines.

b. These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request.

008 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The owner or operator must keep records of the operation of the engines in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engines and the reason the fire pump engines were in operation during that time.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The company shall maintain and operate the fire pump engines in accordance with the manufacturer's specification and with good engineering practice.

010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall operate and maintain the fire pump engines, Source ID 105, to achieve the emission standards in this permit over the entire life of the engines.

(a) Any testing used to verify compliance with this work practice restriction shall be performed in accordance with 40 CFR Part 64 Subpart IIII, including 40 CFR § 60.4212, and test methods and procedures acceptable to the Department.

011 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The fire pump engines, Source ID 105, shall be installed and configured according to the manufacturer's emission-related specifications.

**SECTION D. Source Level Plan Approval Requirements****VII. ADDITIONAL REQUIREMENTS.****# 012 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Compliance with this permit condition will assure compliance with the requirements of 40 CFR Part 63 Subpart ZZZZ]

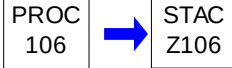
The fire pump engines, Source ID 105, are subject to the requirements in 40 CFR Part 60 Subpart IIII. The permittee shall comply with all applicable provisions specified 40 CFR §§ 60.4200 through 60.4219, including appendices.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 106

Source Name: SOLVENT CLEAN UP

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

A solvent accounting form shall be developed to account for solvents used in cleaning and washoff operations. The information recorded on the form shall include the following:

(1) The name and total quantity of each solvent used each month for:

(i) Cleaning activities.

(ii) Washoff operations.

(2) The name and total quantity of each solvent evaporated to the atmosphere each month from:

(i) Cleaning activities.

(ii) Washoff operations.

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

An owner or operator of a facility shall use normally closed containers for storing coating, cleaning and washoff materials.

**SECTION D. Source Level Plan Approval Requirements****# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The solvent used for line cleaning shall be pumped or drained into a normally closed container.

004 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The emissions from washoff operations shall be controlled by the following:

(1) Using normally closed containers for washoff operations.

(2) Minimizing dripping by tilting or rotating the part to drain as much solvent as possible.

005 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

All clean-up solvent operations must comply with Best Available Technology to minimize VOC emissions. All cleaning operations must store new and used cleaning solvents in closed containers. A record of the quantity of all VOC's used in clean-up operations for each line must be calculated on a monthly basis (12 month rolling sum).

VII. ADDITIONAL REQUIREMENTS.

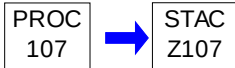
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 107

Source Name: COATING/INK MIX ROOM

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

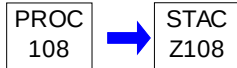
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 108

Source Name: FOUR (4) PLATE WASHING STATIONS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

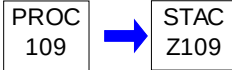
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 109

Source Name: FOUR (4) CUPPER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

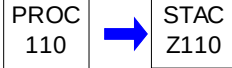
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 110

Source Name: FOUR (4) BODY MAKER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

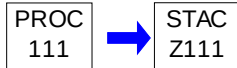
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 111

Source Name: FOUR (4) CAN WASHERS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

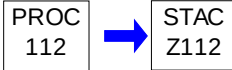
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 112

Source Name: FOUR (4) UV COATERS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

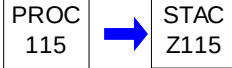
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 115

Source Name: SIX (6) COATING STORAGE TANKS-EACH LESS THAN 10,000 GAL

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

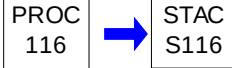
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 116

Source Name: EMERGENCY GENERATOR - 755 BHP

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: CAN COATING- FED REQ/2 PC CAN PROD.

Group Description: Alternative Operating Scenario, Subpart WW Which Apply During Two Piece Beverage Can Prod.

Sources included in this group

ID	Name
101	ALUMINUM CAN MFG LINE 1 - COLD SOURCES
102	ALUMINUM CAN MFG LINE 2 - COLD SOURCES
103	ALUMINUM CAN MFG LINE 3 - COLD SOURCES
104	ALUMINUM CAN MFG LINE 4 - COLD SOURCES

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.492]****Subpart WW - Standards of Performance for the Beverage Can Surface Coating Industry****Standards for volatile organic compounds.**

On or after the date on which the initial performance test required by 60.8(a) is completed, no owner or operator subject to the provisions of this subpart shall discharge or cause the discharge of VOC emissions to the atmosphere that exceed the following volume-weighted calendar-month average emissions:

(a) 0.29 kilogram of VOC per litre of coating solids from each two-piece can exterior base coating operation, except clear base coat;

(b) 0.46 kilogram of VOC per litre of coating solids from each two-piece can clear base coating operation and from each overvarnish coating operation; and

(c) 0.89 kilogram of VOC per litre of coating solids from each two-piece can inside spray coating operation.

[Compliance with these limits can be either through use of compliant coatings, a capture system & a control device, a capture system & a recovery device. For two-piece beverage can (i.e., aluminum bottle) production, these limits streamline out those under 25 Pa. Code § 129.52.]

II. TESTING REQUIREMENTS.**# 002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.493]****Subpart WW - Standards of Performance for the Beverage Can Surface Coating Industry****Performance test and compliance provisions.**

(a) Section 60.8(d) does not apply to monthly performance tests and 60.8(f) does not apply to the performance test procedures required by this subpart.

(b) The owner or operator of an affected facility shall conduct an initial performance test as required under 60.8(a) and thereafter a performance test each calendar month for each affected facility.

(1) The owner or operator shall use the following procedures for each affected facility that does not use a capture system and a control device to comply with the emission limit specified under § 60.492. The owner or operator shall determine the VOC-content of the coatings from formulation data supplied by the manufacturer of the coating or by an analysis of each coating, as received, using Method 24. The Administrator may require the owner or operator who uses formulation data supplied by the manufacturer of the coating to determine the VOC content of coatings using Method 24 or an equivalent or alternative method. The owner or operator shall determine from company records the volume of coating and the mass of VOC-solvent added to coatings. If a common coating distribution system serves more than one affected facility or serves both affected and existing facilities, the owner or operator shall estimate the volume of coating used at each facility by using the average dry weight of coating, number of cans, and size of cans being processed by each affected and existing facility or by other procedures acceptable to the Administrator.

(i) Calculate the volume-weighted average of the total mass of VOC per volume of coating solids used during the calendar month for each affected facility, except as provided under paragraph (b)(1)(iv) of this section. The volume-weighted average of the total mass of VOC per volume of coating solids used each calendar month will be determined by the following procedures.

**SECTION E. Source Group Plan Approval Restrictions.**

(A) Calculate the mass of VOC used ($M_o + M_d$) during the calendar month for the affected facility by the following equation:

See equation 1 in § 60.493(b)(1)(i)(A).

[$SL_d j D d j$ will be 0 if no VOC solvent is added to the coatings, as received.] where n is the number of different coatings used during the calendar month and m is the number of different diluent VOC-solvents used during the calendar month.

(B) Calculate the total volume of coating solids used (L_s) in the calendar month for the affected facility by the following equation:

See equation 2 in § 60.493(b)(1)(i)(B).

where n is the number of different coatings used during the calendar month.

(C) Calculate the volume-weighted average mass of VOC per volume of solids used (G) during the calendar month for the affected facility by the following equation:

$$G = (M_o + M_d) / L_s \quad \text{Eq.3}$$

(ii) Calculate the volume-weighted average of VOC emissions discharged to the atmosphere (N) during the calendar month for the affected facility by the following equation:

$$N = G \quad \text{Eq.4}$$

(iii) Where the value of the volume-weighted average mass of VOC per volume of solids discharged to the atmosphere (N) is equal to or less than the applicable emission limit specified under § 60.492, the affected facility is in compliance.

(iv) If each individual coating used by an affected facility has a VOC content equal to or less than the limit specified under § 60.492, the affected facility is in compliance provided no VOC-solvents are added to the coating during distribution or application.

(2) [Not Applicable]

(3) [Not Applicable]

003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.496]

Subpart WW - Standards of Performance for the Beverage Can Surface Coating Industry

Test methods and procedures.

(a) The reference methods in appendix A to this part, except as provided in 60.8, shall be used to conduct performance tests.

(1) Method 24, an equivalent or alternative method approved by the Administrator, or manufacturers' formulation data from which the VOC content of the coatings used for each affected facility can be calculated. In the event of a dispute, Method 24 data shall govern. When VOC content of water-borne coatings, determined from data generated by Method 24, is used to determine compliance of affected facilities, the results of the Method 24 analysis shall be adjusted as described in Section 12.6 of Method 24.

(2) [Not Applicable]

(b) For Method 24, the coating sample must be a 1-litre sample collected in a 1-litre container at a point where the sample will be representative of the coating material.

(c) [Not Applicable]

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.8]

Subpart A - General Provisions

Performance tests.

(a) Except as specified in paragraphs (a)(1), (a)(2), (a)(3), and (a)(4) of this section, within 60 days after achieving the

**SECTION E. Source Group Plan Approval Restrictions.**

maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, or at such other times specified by this part, and at such other times as may be required by the Administrator under section 114 of the Act, the owner or operator of such facility shall conduct performance test(s) and furnish the Administrator a written report of the results of such performance test(s).

(1) If a force majeure is about to occur, occurs, or has occurred for which the affected owner or operator intends to assert a claim of force majeure, the owner or operator shall notify the Administrator, in writing as soon as practicable following the date the owner or operator first knew, or through due diligence should have known that the event may cause or caused a delay in testing beyond the regulatory deadline, but the notification must occur before the performance test deadline unless the initial force majeure or a subsequent force majeure event delays the notice, and in such cases, the notification shall occur as soon as practicable.

(2) The owner or operator shall provide to the Administrator a written description of the force majeure event and a rationale for attributing the delay in testing beyond the regulatory deadline to the force majeure; describe the measures taken or to be taken to minimize the delay; and identify a date by which the owner or operator proposes to conduct the performance test. The performance test shall be conducted as soon as practicable after the force majeure occurs.

(3) The decision as to whether or not to grant an extension to the performance test deadline is solely within the discretion of the Administrator. The Administrator will notify the owner or operator in writing of approval or disapproval of the request for an extension as soon as practicable.

(4) Until an extension of the performance test deadline has been approved by the Administrator under paragraphs (a)(1), (2), and (3) of this section, the owner or operator of the affected facility remains strictly subject to the requirements of this part.

(b) Performance tests shall be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternative method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors. Nothing in this paragraph shall be construed to abrogate the Administrator's authority to require testing under section 114 of the Act.

(c) Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.

(d) The owner or operator of an affected facility shall provide the Administrator at least 30 days prior notice of any performance test, except as specified under other subparts, to afford the Administrator the opportunity to have an observer present. If after 30 days notice for an initially scheduled performance test, there is a delay (due to operational problems, etc.) in conducting the scheduled performance test, the owner or operator of an affected facility shall notify the Administrator (or delegated State or local agency) as soon as possible of any delay in the original test date, either by providing at least 7 days prior notice of the rescheduled date of the performance test, or by arranging a rescheduled date with the Administrator (or delegated State or local agency) by mutual agreement.

[Pursuant to § 60.493(a), § 60.8(d) does not apply to monthly performance test.]

(e) The owner or operator of an affected facility shall provide, or cause to be provided, performance testing facilities as follows:

(1) Sampling ports adequate for test methods applicable to such facility. This includes (i) constructing the air pollution control system such that volumetric flow rates and pollutant emission rates can be accurately determined by applicable test

**SECTION E. Source Group Plan Approval Restrictions.**

methods and procedures and (ii) providing a stack or duct free of cyclonic flow during performance tests, as demonstrated by applicable test methods and procedures.

(2) Safe sampling platform(s).

(3) Safe access to sampling platform(s).

(4) Utilities for sampling and testing equipment.

(f) [Not applicable pursuant to § 60.493(a).]

(g) The performance testing shall include a test method performance audit (PA) during the performance test. The PAs consist of blind audit samples supplied by an accredited audit sample provider and analyzed during the performance test in order to provide a measure of test data bias. Gaseous audit samples are designed to audit the performance of the sampling system as well as the analytical system and must be collected by the sampling system during the compliance test just as the compliance samples are collected. If a liquid or solid audit sample is designed to audit the sampling system, it must also be collected by the sampling system during the compliance test. If multiple sampling systems or sampling trains are used during the compliance test for any of the test methods, the tester is only required to use one of the sampling systems per method to collect the audit sample. The audit sample must be analyzed by the same analyst using the same analytical reagents and analytical system and at the same time as the compliance samples. Retests are required when there is a failure to produce acceptable results for an audit sample. However, if the audit results do not affect the compliance or noncompliance status of the affected facility, the compliance authority may waive the reanalysis requirement, further audits, or retests and accept the results of the compliance test. Acceptance of the test results shall constitute a waiver of the reanalysis requirement, further audits, or retests. The compliance authority may also use the audit sample failure and the compliance test results as evidence to determine the compliance or noncompliance status of the affected facility. A blind audit sample is a sample whose value is known only to the sample provider and is not revealed to the tested facility until after they report the measured value of the audit sample. For pollutants that exist in the gas phase at ambient temperature, the audit sample shall consist of an appropriate concentration of the pollutant in air or nitrogen that can be introduced into the sampling system of the test method at or near the same entry point as a sample from the emission source. If no gas phase audit samples are available, an acceptable alternative is a sample of the pollutant in the same matrix that would be produced when the sample is recovered from the sampling system as required by the test method. For samples that exist only in a liquid or solid form at ambient temperature, the audit sample shall consist of an appropriate concentration of the pollutant in the same matrix that would be produced when the sample is recovered from the sampling system as required by the test method. An accredited audit sample provider (AASP) is an organization that has been accredited to prepare audit samples by an independent, third party accrediting body.

(1) The source owner, operator, or representative of the tested facility shall obtain an audit sample, if commercially available, from an AASP for each test method used for regulatory compliance purposes. No audit samples are required for the following test methods: Methods 3A and 3C of appendix A-3 of part 60, Methods 6C, 7E, 9, and 10 of appendix A-4 of part 60, Methods 18 and 19 of appendix A-6 of part 60, Methods 20, 22, and 25A of appendix A-7 of part 60, Methods 30A and 30B of appendix A-8 of part 60, and Methods 303, 318, 320, and 321 of appendix A of part 63 of this chapter. If multiple sources at a single facility are tested during a compliance test event, only one audit sample is required for each method used during a compliance test. The compliance authority responsible for the compliance test may waive the requirement to include an audit sample if they believe that an audit sample is not necessary. "Commercially available" means that two or more independent AASPs have blind audit samples available for purchase. If the source owner, operator, or representative cannot find an audit sample for a specific method, the owner, operator, or representative shall consult the EPA Web site at the following URL, www.epa.gov/ttn/emc, to confirm whether there is a source that can supply an audit sample for that method. If the EPA Web site does not list an available audit sample at least 60 days prior to the beginning of the compliance test, the source owner, operator, or representative shall not be required to include an audit sample as part of the quality assurance program for the compliance test. When ordering an audit sample, the source owner, operator, or representative shall give the sample provider an estimate for the concentration of each pollutant that is emitted by the source or the estimated concentration of each pollutant based on the permitted level and the name, address, and phone number of the compliance authority. The source owner, operator, or representative shall report the results for the audit sample along with a summary of the emission test results for the audited pollutant to the compliance authority and shall report the results of the audit sample to the AASP. The source owner, operator, or representative shall make both reports at the same time and in the same manner or shall report to the compliance authority first and then report to the AASP. If the method being audited is a method that allows the samples to be analyzed in the field and the tester plans to analyze the samples in the field, the

**SECTION E. Source Group Plan Approval Restrictions.**

tester may analyze the audit samples prior to collecting the emission samples provided a representative of the compliance authority is present at the testing site. The tester may request and the compliance authority may grant a waiver to the requirement that a representative of the compliance authority must be present at the testing site during the field analysis of an audit sample. The source owner, operator, or representative may report the results of the audit sample to the compliance authority and report the results of the audit sample to the AASP prior to collecting any emission samples. The test protocol and final test report shall document whether an audit sample was ordered and utilized and the pass/fail results as applicable.

(2) An AASP shall have and shall prepare, analyze, and report the true value of audit samples in accordance with a written technical criteria document that describes how audit samples will be prepared and distributed in a manner that will ensure the integrity of the audit sample program. An acceptable technical criteria document shall contain standard operating procedures for all of the following operations:

(i) Preparing the sample;

(ii) Confirming the true concentration of the sample;

(iii) Defining the acceptance limits for the results from a well qualified tester. This procedure must use well established statistical methods to analyze historical results from well qualified testers. The acceptance limits shall be set so that there is 95 percent confidence that 90 percent of well qualified labs will produce future results that are within the acceptance limit range.

(iv) Providing the opportunity for the compliance authority to comment on the selected concentration level for an audit sample;

(v) Distributing the sample to the user in a manner that guarantees that the true value of the sample is unknown to the user;

(vi) Recording the measured concentration reported by the user and determining if the measured value is within acceptable limits;

(vii) The AASP shall report the results from each audit sample in a timely manner to the compliance authority and then to the source owner, operator, or representative. The AASP shall make both reports at the same time and in the same manner or shall report to the compliance authority first and then report to the source owner, operator, or representative. The results shall include the name of the facility tested, the date on which the compliance test was conducted, the name of the company performing the sample collection, the name of the company that analyzed the compliance samples including the audit sample, the measured result for the audit sample, and whether the testing company passed or failed the audit. The AASP shall report the true value of the audit sample to the compliance authority. The AASP may report the true value to the source owner, operator, or representative if the AASP's operating plan ensures that no laboratory will receive the same audit sample twice.

(viii) Evaluating the acceptance limits of samples at least once every two years to determine in cooperation with the voluntary consensus standard body if they should be changed;

(ix) Maintaining a database, accessible to the compliance authorities, of results from the audit that shall include the name of the facility tested, the date on which the compliance test was conducted, the name of the company performing the sample collection, the name of the company that analyzed the compliance samples including the audit sample, the measured result for the audit sample, the true value of the audit sample, the acceptance range for the measured value, and whether the testing company passed or failed the audit.

(3) The accrediting body shall have a written technical criteria document that describes how it will ensure that the AASP is operating in accordance with the AASP technical criteria document that describes how audit samples are to be prepared and distributed. This document shall contain standard operating procedures for all of the following operations:

(i) Checking audit samples to confirm their true value as reported by the AASP;

(ii) Performing technical systems audits of the AASP's facilities and operating procedures at least once every two

**SECTION E. Source Group Plan Approval Restrictions.**

years;

(iii) Providing standards for use by the voluntary consensus standard body to approve the accrediting body that will accredit the audit sample providers.

(4) The technical criteria documents for the accredited sample providers and the accrediting body shall be developed through a public process guided by a voluntary consensus standards body (VCSB). The VCSB shall operate in accordance with the procedures and requirements in the Office of Management and Budget Circular A-119. A copy of Circular A-119 is available upon request by writing the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th Street, NW., Washington, DC 20503, by calling (202) 395-6880 or downloading online at http://standards.gov/standards_gov/a119.cfm. The VCSB shall approve all accrediting bodies. The Administrator will review all technical criteria documents. If the technical criteria documents do not meet the minimum technical requirements in paragraphs (g)(2) through (4) of this section, the technical criteria documents are not acceptable and the proposed audit sample program is not capable of producing audit samples of sufficient quality to be used in a compliance test. All acceptable technical criteria documents shall be posted on the EPA Web site at the following URL, <http://www.epa.gov/ttn/emc>.

(h) Unless otherwise specified in the applicable subpart, each test location must be verified to be free of cyclonic flow and evaluated for the existence of emission gas stratification and the required number of sampling traverse points. If other procedures are not specified in the applicable subpart to the regulations, use the appropriate procedures in Method 1 to check for cyclonic flow and Method 7E to evaluate emission gas stratification and selection of sampling points.

(i) Whenever the use of multiple calibration gases is required by a test method, performance specification, or quality assurance procedure in a part 60 standard or appendix, Method 205 of 40 CFR part 51, appendix M of this chapter, "Verification of Gas Dilution Systems for Field Instrument Calibrations," may be used.

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.**# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.495]****Subpart WW - Standards of Performance for the Beverage Can Surface Coating Industry****Reporting and recordkeeping requirements.**

(a) The owner or operator of an affected facility shall include the following data in the initial compliance report required under 60.8(a).

(1) Where only coatings which individually have a VOC content equal to or less than the limits specified under § 60.492 are used, and no VOC is added to the coating during the application or distribution process, the owner or operator shall provide a list of the coatings used for each affected facility and the VOC content of each coating calculated from data determined using Method 24 or supplied by the manufacturers of the coatings.

(2) Where one or more coatings which individually have a VOC content greater than the limits specified under § 60.492 are used or where VOC are added or used in the coating process, the owner or operator shall report for each affected facility the volume-weighted average of the total mass of VOC per volume of coating solids.

(3) [Not Applicable]

(b) Following the initial performance test, each owner or operator shall identify, record, and submit quarterly reports to the Administrator of each instance in which the volume-weighted average of the total mass of VOC per volume of coating solids, after the control device, if capture devices and control systems are used, is greater than the limit specified under 60.492. If

**SECTION E. Source Group Plan Approval Restrictions.**

no such instances occur during a particular quarter, a report stating this shall be submitted to the Administrator semiannually.

(c) [Not Applicable]

(d) Each owner or operator subject to the provisions of this subpart shall maintain at the source, for a period of at least 2 years, records of all data and calculations used to determine VOC emissions from each affected facility in the initial and monthly performance tests. Where compliance is achieved through the use of thermal incineration, each owner or operator shall maintain, at the source, daily records of the incinerator combustion chamber temperature.

(e) The requirements of this section remain in force until and unless EPA, in delegating enforcement authority to a State under section 111(c) of the Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such State. In that event, affected facilities within the State will be relieved of the obligation to comply with this subsection, provided that they comply with the requirements established by the State.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.490]****Subpart WW - Standards of Performance for the Beverage Can Surface Coating Industry****Applicability and designation of affected facility.**

(a) The provisions of this subpart apply to the following affected facilities in beverage can surface coating lines: each exterior base coat operation, each overvarnish coating operation, and each inside spray coating operation.

(b) The provisions of this subpart apply to each affected facility which is identified in paragraph (a) of this section and commences construction, modification, or reconstruction after November 26, 1980.

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.491]**Subpart WW - Standards of Performance for the Beverage Can Surface Coating Industry****Definitions.**

(a) All terms which are used in this subpart and are not defined below are given the same meaning as in the Act and subpart A of this part.

(1) Beverage can means any two-piece steel or aluminum container in which soft drinks or beer, including malt liquor, are packaged. The definition does not include containers in which fruit or vegetable juices are packaged.

(2) Exterior base coating operation means the system on each beverage can surface coating line used to apply a coating to the exterior of a two-piece beverage can body. The exterior base coat provides corrosion resistance and a background for lithography or printing operations. The exterior base coat operation consists of the coating application station, flashoff area, and curing oven. The exterior base coat may be pigmented or clear (unpigmented).

(3) Inside spray coating operation means the system on each beverage can surface coating line used to apply a coating to the interior of a two-piece beverage can body. This coating provides a protective film between the contents of the beverage can and the metal can body. The inside spray coating operation consists of the coating application station, flashoff area, and curing oven. Multiple applications of an inside spray coating are considered to be a single coating operation.

(4) Overvarnish coating operation means the system on each beverage can surface coating line used to apply a coating over ink which reduces friction for automated beverage can filling equipment, provides gloss, and protects the finished beverage can body from abrasion and corrosion. The overvarnish coating is applied to two-piece beverage can bodies. The overvarnish coating operation consists of the coating application station, flashoff area, and curing oven.

(5) Two-piece can means any beverage can that consists of a body manufactured from a single piece of steel or aluminum and a top. Coatings for a two-piece can are usually applied after fabrication of the can body.

**SECTION E. Source Group Plan Approval Restrictions.**

(6) VOC content means all volatile organic compounds (VOC) that are in a coating. VOC content is expressed in terms of kilograms of VOC per litre of coating solids.

(b) Notations used under 60.493 of this subpart are defined below:

Ca=the VOC concentration in each gas stream leaving the control device and entering the atmosphere (parts per million as carbon)

Cb=the VOC concentration in each gas stream entering the control device (parts per million as carbon)

Dc=density of each coating, as received (kilograms per litre)

Dd=density of each VOC-solvent added to coatings (kilograms per litre)

Dr=density of VOC-solvent recovered by an emission control device (kilograms per litre)

E=VOC destruction efficiency of the control device (fraction)

F=the proportion of total VOC emitted by an affected facility which enters the control device to total emissions (fraction)

G=the volume-weighted average of VOC in coatings consumed in a calendar month per volume of coating solids applied (kilograms per litre of coating solids)

He=the fraction of VOC emitted at the coater and flashoff areas captured by a collection system

Hh=the fraction of VOC emitted at the cure oven captured by a collection system

Lc=the volume of each coating consumed, as received (litres)

Ld=the volume of each VOC-solvent added to coatings (litres)

Lr=the volume of VOC-solvent recovered by an emission control device (litres)

Ls=the volume of coating solids consumed (litres)

Md=the mass of VOC-solvent added to coatings (kilograms)

Mo=the mass of VOC-solvent in coatings consumed, as received (kilograms)

Mr=the mass of VOC-solvent recovered by emission control device (kilograms)

N=the volume-weighted average mass of VOC emissions to atmosphere per unit volume of coating solids applied (kilograms per litre of coating solids)

Qa=the volumetric flow rate of each gas stream leaving the control device and entering the atmosphere (dry standard cubic meters per hour)

Qb=the volumetric flow of each gas stream entering the control device (dry standard cubic meters per hour)

R=the overall emission reduction efficiency for an affected facility (fraction)

Se=the fraction of VOC in coating and diluent VOC-solvent emitted at the coater and flashoff area for a coating operation

Sh=the fraction of VOC in coating and diluent solvent emitted at the cure oven for a coating operation

Vs=the proportion of solids in each coating, as received (fraction by volume)

Wo=the proportion of VOC in each coating, as received (fraction by weight).

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: CAN COATING/PROD - STATE REQUIREMENTS

Group Description: : § 129.52 Applies to All Can Prod. For Beverage Can Prod, Subpart WW streamlines out § 129.5

Sources included in this group

ID	Name
101	ALUMINUM CAN MFG LINE 1 - COLD SOURCES
102	ALUMINUM CAN MFG LINE 2 - COLD SOURCES
103	ALUMINUM CAN MFG LINE 3 - COLD SOURCES
104	ALUMINUM CAN MFG LINE 4 - COLD SOURCES

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §129.52]****Surface coating processes**

Table 1 - Emission Limits of VOCs in Surface Coatings by Process Category

Weight of VOC per Volume of Coating Solids (CS)

Surface Coating Process Category	lbs VOC per gal CS	kg VOC per liter CS
(1) Can Coating		
(a) Sheet basecoat	4.62	0.55
(b) Can exterior	4.62	0.55
(c) Interior body spray	10.05	1.20
(d) Two-piece can end exterior	10.05	1.20
(e) Side-seam spray	21.92	2.63
(f) End sealing compound	7.32	0.88

[compliance with these VOC content limits is demonstrated through § 129.52(b)(2).]

Control Device Efficiency Restriction(s).**# 002 [25 Pa. Code §129.52]****Surface coating processes**

A person may not cause or permit the emission into the outdoor atmosphere of VOCs from a surface coating process category listed in Table I, unless one of the following limitations is met:

(1) The VOC content of each as applied coating is equal to or less than the standard specified in Table I.

(i) The VOC content of the as applied coating, expressed in units of weight of VOC per volume of coating solids, shall be calculated as required in 25 Pa. Code 129.52(b)(1)(i).

(2) The overall weight of VOCs emitted to the atmosphere is reduced through the use of vapor recovery or incineration or another method which is acceptable under § 129.51(a) (relating to general). The overall efficiency of a control system, as determined by the test methods and procedures specified in Chapter 139 shall be no less than the equivalent overall efficiency calculated by the following equation:

$$O = (1 - E/V) \times 100$$

Where:

V = The VOC content of the as applied coating, in lb VOC/gal of coating solids or lb VOC/lb of coating solids.

E = Table I limit in lb VOC/gal of coating solids or lb VOC/lb of coating solids.

O = Overall control efficiency.

40 CFR Part 60, Subpart WW testing requirements will demonstrate compliance with the minimum overall control efficiency required by § 129.52(b)(1) or (2).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION E. Source Group Plan Approval Restrictions.****III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §129.52]****Surface coating processes**

A facility, regardless of the facility's annual emission rate, which contains surface coating processes shall maintain records sufficient to demonstrate compliance with this section. At a minimum, a facility shall maintain daily records of:

(1) The following parameters for each coating, thinner and other component as supplied:

- (i) The coating, thinner or component name and identification number.
- (ii) The volume used.
- (iii) The mix ratio.
- (iv) The density or specific gravity.
- (v) The weight percent of total volatiles, water, solids and exempt solvents.
- (vi) The volume percent of solids for Table I surface coating process categories 1—10.

(2) The VOC content of each coating, thinner and other component as supplied.

(3) The VOC content of each as applied coating.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 004 [25 Pa. Code §129.52]****Surface coating processes**

(a) The VOC standards in Table I do not apply to a coating used exclusively for determining product quality and commercial acceptance, touch-up and repair and other small quantity coatings if the coating meets the following criteria:

(1) The quantity of coating used does not exceed 50 gallons per year for a single coating and a total of 200 gallons per year for all coatings combined for the facility.

(2) The owner or operator of the facility requests, in writing, and the Department approves, in writing, the exemption prior to use of the coating.

VII. ADDITIONAL REQUIREMENTS.**# 005 [25 Pa. Code §129.52]****Surface coating processes**

(a) This section applies to a surface coating process category, regardless of the size of the facility, which emits or has emitted VOCs into the outdoor atmosphere in quantities greater than 3 pounds (1.4 kilograms) per hour, 15 pounds (7 kilograms) per day or 2.7 tons (2,455 kilograms) per year during any calendar year since January 1, 1987.

(b) The solvents methyl chloroform (1,1,1-trichloroethane) and methylene chloride are exempt from control under this section. A surface coating process which seeks to comply with this section through the use of an exempt solvent may not be included in any alternative standards.

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: CONTROL DEVICES

Group Description: Sources Controlled by Baghouses & RTOs

Sources included in this group

ID	Name
101	ALUMINUM CAN MFG LINE 1 - COLD SOURCES
101A	PIN OVENS (3) - LINE 1 - HOT SOURCES
101B	INSIDE BAKE OVEN - LINE 1 - HOT SOURCES
102	ALUMINUM CAN MFG LINE 2 - COLD SOURCES
102A	PIN OVENS (2) - LINE 2 - HOT SOURCES
102B	INSIDE BAKE OVEN - LINE 2 - HOT SOURCES
103	ALUMINUM CAN MFG LINE 3 - COLD SOURCES
103A	PIN OVENS (2) - LINE 3 - HOT SOURCES
103B	INSIDE BAKE OVEN - LINE 3 - HOT SOURCES
104	ALUMINUM CAN MFG LINE 4 - COLD SOURCES
104A	PIN OVENS (2) - LINE 4 - HOT SOURCES
104B	INSIDE BAKE OVEN - LINE 4 - HOT SOURCES
C101A	DUST COLLECTOR
C101B	REGENERATIVE THERMAL OXIDIZER
C102A	DUST COLLECTOR
C102B	REGENERATIVE THERMAL OXIDIZER
C103A	DUST COLLECTOR
C103B	REGENERATIVE THERMAL OXIDIZER
C104A	DUST COLLECTOR
C104B	REGENERATIVE THERMAL OXIDIZER

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Pursuant to the provision of 25 PA Code, Chapter 123, Section 123.41, the visible air contaminant from each RTO shall not be emitted in such a manner that the opacity of the emissions is equal to or greater than 20 % for a period or periods aggregating more than 3 minutes in any one hour; or equal to or greater than 60% at any time.

003 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Inside Spray Machines shall meet a set of criteria from Method 204 to show that the enclosure meets the requirements of a permanent total enclosure (PE) & 100 % capture efficiency.

004 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) No person may permit the emission of particulate matter into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.02 grain per dry standard cubic foot.

(b) The permittee shall maintain the capture efficiency as demonstrated in the most recent Method 204 observation.

**SECTION E. Source Group Plan Approval Restrictions.**

(c) For RTO inlet VOC concentrations greater than or equal to 100 ppm, the control device shall maintain a minimum overall VOC control efficiency of 98%. Compliance shall be demonstrated through Method 25A unless otherwise specified by the Department.

(d) For RTO inlet VOC concentrations less than 100 ppm, the RTO outlet VOC concentration shall not exceed 10 ppm. Compliance shall be demonstrated through Method 25A unless otherwise specified by the Department.

Fuel Restriction(s).

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The sources shall operate using only natural gas as a fuel.

II. TESTING REQUIREMENTS.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) Once every five (5) years and not more than 60 months after the previous stack test, a subsequent stack test shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. The stack test shall be performed while the aforementioned source is operating at the maximum achievable or normal rated capacity as stated on the application. The stack test shall be conducted to determine the overall VOC control efficiency of the RTO (using EPA Method 25A or other method approved by the Department) at the outlet of the RTO.

(1) At least 45 days prior to performing a stack test, a protocol shall be submitted in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. The protocol shall contain, at a minimum, location of sampling ports, planned production rates, and any other information applicable to the stack testing. Performing a stack test prior to Department approval of the protocol may invalidate the results.

(2) At least 2 weeks prior to the test, the Department shall be informed, in writing, of the date and time of the test.

(3) Within 60 days after completion of the test, the complete test report, including, but not limited to, production rates during testing, calculation methods and results, and any other applicable testing information that will allow for a complete review of the test and results, shall be submitted to the Department for approval.

(4) Actions Related to Noncompliance Demonstrated by a Stack Test:

(i) When the results of a stack test performed in conformance with this Condition exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to the Department, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. The Department shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to the Department within thirty (30) days of receipt of the notice of deficiency. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.

(ii) If the results of the required stack test exceed any limit defined in this operating permit, the test was not performed in accordance with the stack test protocol or the source and/or air cleaning device was not operated in accordance with the operating permit, then another stack test shall be performed to determine compliance. Within 120 days of the Permittee receiving the original stack test results, a retest shall be performed. The Department may extend the retesting deadline if the Permittee demonstrates, to the Department's satisfaction, that retesting within 120 days is not practicable. Failure of the second test to demonstrate compliance with the limits in the operating permit, not performing the test in accordance with the stack test protocol or not operating the source and/or air cleaning device in accordance with the operating permit may be grounds for immediate revocation of the approval to operate the affected source.

(b) A test shall be performed to demonstrate 100% capture efficiency of the Permanent Total Enclosures on the Inside Spray Machines. Testing is to be performed using EPA Method 204. This testing shall be performed 60 days after achieving

**SECTION E. Source Group Plan Approval Restrictions.**

normal production, but not later than 180 days of initial startup of the source/control device and once every five (5) years and not more than 60 months after the previous test.

(c) After three (3) Method 204 test, for each source, showing source capture efficiency, the permittee may petition the Department to modify the testing frequency for capture efficiency testing.

III. MONITORING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) A magnehelic gauge, or equivalent, shall be maintained to monitor the pressure differential across the baghouse filter media.

(b) A magnehelic gauge or equivalent shall be maintained to monitor the inlet pressure of the RTO.

(c) The permittee shall continuously monitor the chamber temperature of the RTO whenever the source is in operation. The temperature sensing and recording devices shall be maintained in good working order.

(d) The permittee shall continuously monitor the airflow (or fan amperage) of the RTO.

IV. RECORDKEEPING REQUIREMENTS.**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall maintain a log of all inspections, repairs, and maintenance performed on the control devices (baghouse and RTO) and all the associated monitoring equipment. The log, at a minimum, shall contain the dates of the inspections, repairs, maintenance performed, any potential problems or defects that were encountered, any corrective actions, the name of the observer, the initials of the observer, and the title of the observer.

(b) The permittee shall maintain records of the following operational parameters: (these records may be done with strip charts recorders, data acquisition systems, or manual log entries)

- (1) Inlet pressure of the RTO (daily)
- (2) RTO Chamber temperature (continuously)
- (3) The RTO airflow (or fan amperage) as measured in Hz (continuously)
- (4) Pressure drop across the baghouse (daily)

(c) The permittee shall record all excursions from the specified operational parameters for the control devices (RTO and Baghouse), the corrective actions taken in response to an excursion, and the time elapsed until the corrective actions have been taken.

(d) The permittee shall maintain records of all monitoring downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable). The permittee shall also record the dates, times and durations, probable causes and corrective actions taken for the incidents.

(e) All records shall be kept for a period of five (5) years and shall be made available to the Department upon request.

(f) The permittee shall maintain a record of the cleaning of the organic particulate from the cold face of the media bed for RTO's. This record shall include the date, initials of the person completing the cleaning and an overview of any defects noted and maintenance performed.

(h) The permittee shall record all inspections, repairs, and maintenance performed on the monitoring equipment.

V. REPORTING REQUIREMENTS.**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall report all excursions and corrective actions taken to the Department, including the dates, times, durations and probable causes, every six (6) months.

**SECTION E. Source Group Plan Approval Restrictions.**

(b) The permittee shall report all monitoring downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable), their dates, times and durations, probable causes and corrective actions taken, every six (6) months.

VI. WORK PRACTICE REQUIREMENTS.**# 010 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall perform daily monitoring of the control devices (baghouse and RTO), including but not limited to, monitoring the chamber temperature of the RTO, monitoring the inlet pressure of the RTO, monitoring the airflow (or fan amperage) of the RTO and monitoring the pressure drop across the baghouse filter media.

(b) The permittee shall maintain written procedures for performing the required monitoring of the control devices (baghouse and RTO) and associated equipment.

(c) Whenever a condition in this permit requires the measurement of pressure drop or temperature across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.

(d) The permittee shall adhere to the approved indicator range for the RTO so that operation within the range shall provide reasonable assurance of compliance. The approved indicator range for the following shall be determined during the initial performance test or any subsequently approved performance tests unless otherwise stated:

(1) Airflow measured, as fan amperage, averaged over any consecutive 3-hour period, shall not be less than the values: (Frequency values for lines in operation established during shakedown and testing)

The permittee, with prior Departmental approval, may conduct a performance test to determine a new minimum airflow.

(2) The three-hour average chamber temperature during the most recently approved performance test or 1,500°F, whichever is higher, shall be the minimum chamber temperature.

(e) The permittee shall utilize approved QA/QC practices that are adequate to ensure continuing validity of data and proper performance of the control devices (baghouse and RTO).

(f) The permittee shall maintain detectors or sensors at a Department approved location for obtaining data that is representative of the monitored indicator.

(1) The thermocouples are to be positioned in locations for obtaining data that is representative of the monitored indicator and are to be shielded from direct flame exposure. The permittee shall check the position of the thermocouples and recalibrate semi-annually, or whenever the range of a sensor is exceeded, or a new sensor is installed.

(2) The permittee shall maintain verification procedures to confirm that the operational status of the monitoring devices is within the expected range. (Operational status pertains to the accuracy of the measured values. The permittee may compare the data with any Department approved standardized data at a specific time interval.)

(3) For QA/QC purposes, the permittee shall calibrate and check the accuracy of the monitoring equipment, according to the manufacturer's recommended procedures. (For example, the thermocouple shall be checked for accuracy (+/- 20°F) each calendar quarter.)

(g) The permittee shall maintain all monitoring equipment and stock spare parts as necessary for routine onsite repairs.

(h) The permittee shall ensure that at least 90% of the approved monitoring data has been properly and accurately collected.

(i) The permittee shall ensure that the RTO has reached its minimum chamber temperature prior to placing any affected source on line.

(j) The permittee shall ensure that the RTO will not exceed its maximum airflow capacity prior to routing the exhaust of any

**SECTION E. Source Group Plan Approval Restrictions.**

additional source(s) to it.

(k) The permittee shall perform monthly external inspections of the control system and annual internal inspections of the RTO.

(l) The permanent total enclosures (PEs) on the Inside Spray Machines shall be closed during normal operations, except as needed for routine operator access and line maintenance. The PEs shall be checked daily to ensure they are intact and being used properly.

(m) The permittee shall monitor and record the inlet duct pressure/vacuum at least daily. The inlet duct pressure/vacuum shall be within two (2) inches water gauge (+/-) of the pressure/vacuum measured during the latest enclosure certification. The pressure sensors shall be checked for proper calibration at least annually. The permittee shall maintain a log of when the position of any ductwork damper between the PEs and control devices has been changed.

(n) The permittee shall operate baghouse at all times when the source is in operation.

(o) The source and its' associated control devices shall be maintained and operated in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.

(p) The owner or operator shall keep sufficient quantity of spare filter bags, at a minimum of 20% of the total number of filter bags, on hand for immediate replacement.

011 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The company shall ensure that the capture system and control devices are operated at all times of production except shutdown for routine maintenance, checkups and repairs.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: ENCLOSURE/CAPTURE EFFICIENCIES

Group Description: Source Requirements Related to Permanent Enclosures and Associated Testing

Sources included in this group

ID	Name
101	ALUMINUM CAN MFG LINE 1 - COLD SOURCES
102	ALUMINUM CAN MFG LINE 2 - COLD SOURCES
103	ALUMINUM CAN MFG LINE 3 - COLD SOURCES
104	ALUMINUM CAN MFG LINE 4 - COLD SOURCES

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.**# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Each Inside Spary Machine shall be evaluated against a set of criteria from Method 204 to determine if the enclosure meets the requirements of a permanent total enclosure (PE) & 100 % capture efficiency. The following criteria must be met for a source to meet the definition of having a (PE).

(1) Any natural draft opening (NDO) shall be at least four equivalent opening diameters from each VOC emitting point.

(2) The total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor and ceiling.

(3) The average facial velocity (FV) of air through all NDO's shall be at least 3,600 m/hr (200 fpm). The direction of air flow through all NDO's shall be in to the enclosure.

(4) All access doors and windows whose areas are not included in (2) above, and are not included in (3) above, shall be closed during routine operation of the source.

(5) All VOC emissions must be captured and contained for discharge through a control device.

(b) Sources with enclosures that meet the definition of a PE must show continuing compliance with this determination by option (1) or (2) below:

(1) The permittee shall install a manometer, or equivalent, to measure the pressure drop across the enclosure. The pressure drop must be greater than 0.007 inches of water column.

(2) The permittee shall perform a reevaluation of the PE for each source using Method 204 during the final 12 months before the current facility operating permit expires.

(c) Sources with enclosures that do not meet the definition of a PE must test for capture efficiency using the procedure outlined in Method 204. The capture efficiency will be used in calculating VOC emissions.

(d) The testing schedule for sources with enclosures that do not meet the definition of a PE will be, all sources initially, then one source per control device every year, on a rotating basis.

(e) Capture efficiency for each source will be determined using the most recent testing results for each specific source, combined with other sources using the same control device.

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION E. Source Group Plan Approval Restrictions.****IV. RECORDKEEPING REQUIREMENTS.****# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall create a table that outlines the Method 204 testing performed at the facility. This table shall contain the following information at a minimum:

- (1) Source Identification.
- (2) Date testing occurred.
- (3) Determination of meeting the criteria of a permanent total enclosure (PE).
- (4) Source capture efficiency.

(b) The permittee shall record daily pressure drop readings for sources with PE's and a manometer, on a daily basis, when the source is in operation. [only applies if complying with Condition #001(b)(1)].

(c) The permittee shall use the capture efficiency of a source when calculating and reporting VOC emissions from the source.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

If pressure drop readings are used to demonstrate capture efficiency compliance, the permittee shall take daily pressure drop readings for sources with permanent total enclosures (PE) when the source is in operation. [only applies if complying with Condition #001(b)(1)].

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

(a) The Synthetic Minor Operating Permit application was received on August 7th, 2024. The annual operating permit maintenance fee shall be submitted to the Department in accordance with 25 Pa. Code, Chapter 127, Section 127.703. The annual maintenance fees are due no later than December 31, annually.

(b) This permit incorporates the requirements from plan approval 35-00077A.

(c) Requests for Determination include:

RFD #10803 for Source 105 Fire Pumps (2) and Source 116 Emergency Generator exemptions, 8/26/2024.

(d) In addition to the sources governed by the RFDs listed in subparagraph (e), the following is a list of sources that have been determined by the Department to be of minor significance under 25 Pa. Code, Chapter 127, Section 127.14(a)(8) and are not regulated in this State-Only Operating Permit. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-143:

- Scrap room sources including six balers, can top shredder which exhausts to a cyclone and dust collector which vents inside the room.



***** End of Report *****
