



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: August 13, 2024 Effective Date: November 22, 2025
Revision Date: November 21, 2025 Expiration Date: August 31, 2029
Revision Type: Amendment

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 operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit 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 permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 67-05014

Federal Tax Id - Plant Code: 23-2316195-1

Owner Information

Name: YORK GROUP INC
Mailing Address: 2880 BLACK BRIDGE RD
YORK, PA 17406-9703

Plant Information

Plant: YORK GROUP INC/BLACK BRIDGE RD
Location: 67 York County 67939 Manchester Township
SIC Code: 3995 Manufacturing - Burial Caskets

Responsible Official

Name: ERIK NADEAU
Title: PLANT MANAGER
Phone: (717) 854 - 9566 Email: enadeau@matw.com

Permit Contact Person

Name: ROBERT STEWART
Title: EHS MANAGER
Phone: (717) 854 - 9566 Email: rostewart@matw.com

[Signature] _____
WILLIAM R. WEAVER, SOUTHCENTRAL REGION AIR PROGRAM MANAGER



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General Title V Requirements

- #001 Definitions
- #002 Prohibition of Air Pollution
- #003 Property Rights
- #004 Permit Expiration
- #005 Permit Renewal
- #006 Transfer of Ownership or Operational Control
- #007 Inspection and Entry
- #008 Compliance Requirements
- #009 Need to Halt or Reduce Activity Not a Defense
- #010 Duty to Provide Information
- #011 Reopening and Revising the Title V Permit for Cause
- #012 Reopening a Title V Permit for Cause by EPA
- #013 Operating Permit Application Review by the EPA
- #014 Significant Operating Permit Modifications
- #015 Minor Operating Permit Modifications
- #016 Administrative Operating Permit Amendments
- #017 Severability Clause
- #018 Fee Payment
- #019 Authorization for De Minimis Emission Increases
- #020 Reactivation of Sources
- #021 Circumvention
- #022 Submissions
- #023 Sampling, Testing and Monitoring Procedures
- #024 Compliance Certification
- #025 Recordkeeping Requirements
- #026 Reporting Requirements
- #027 Operational Flexibility
- #028 Risk Management
- #029 Approved Economic Incentives and Emission Trading Programs
- #030 Permit Shield
- #031 Reporting
- #032 Report Format

Section C. Site Level Title V Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level Title V Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements



SECTION A. Table of Contents

D-VI: Work Practice Standards
D-VII: Additional Requirements

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

Section E. Source Group Restrictions

E-I: Restrictions
E-II: Testing Requirements
E-III: Monitoring Requirements
E-IV: Recordkeeping Requirements
E-V: Reporting Requirements
E-VI: Work Practice Standards
E-VII: Additional Requirements

Section F. Alternative Operating Scenario(s)

F-I: Restrictions
F-II: Testing Requirements
F-III: Monitoring Requirements
F-IV: Recordkeeping Requirements
F-V: Reporting Requirements
F-VI: Work Practice Standards
F-VII: Additional Requirements

Section G. Emission Restriction Summary

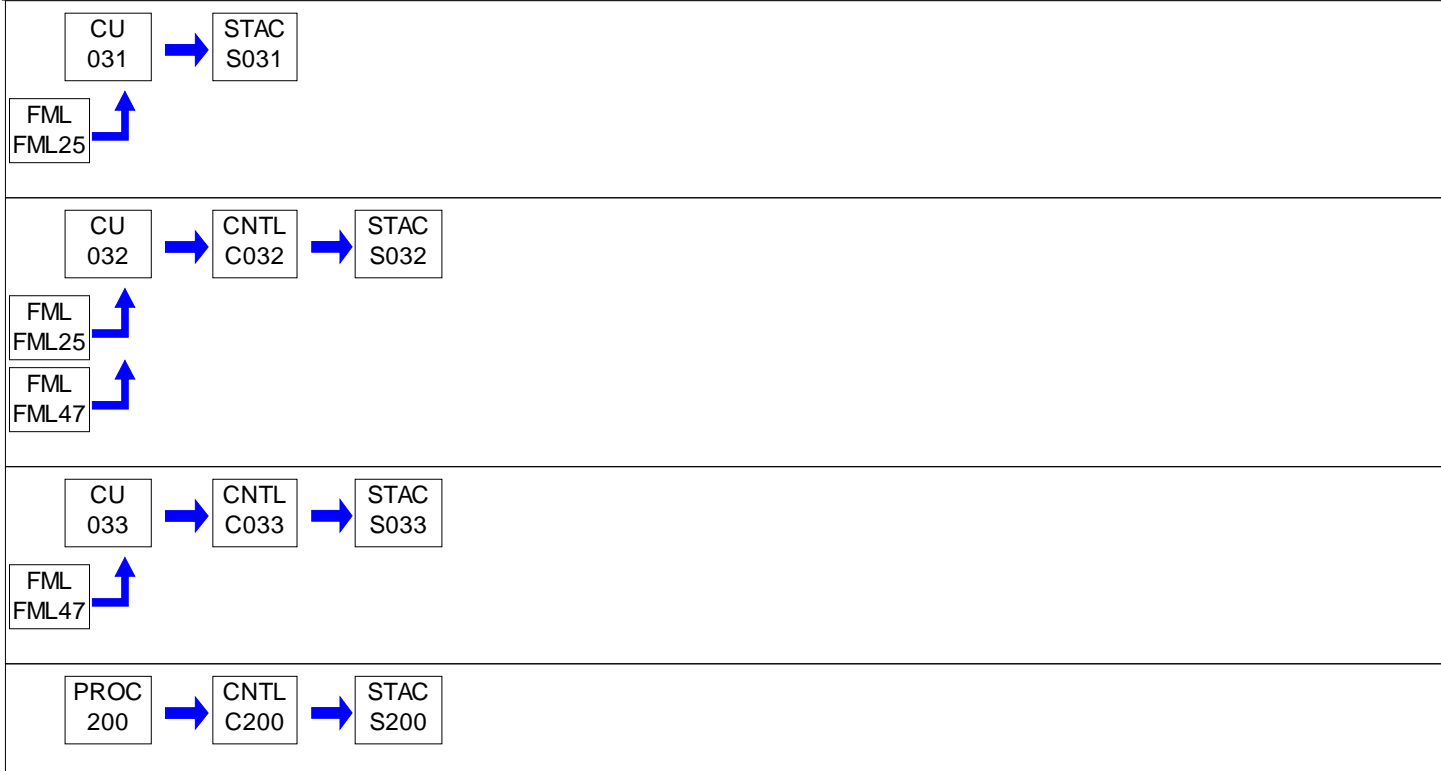
Section H. Miscellaneous

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	BOILER 1 (YORK-SHIPLEY)	8.300 MMBTU/HR	
		8.300 MCF/HR	Natural Gas
032	BOILER 2 (YORK-SHIPLEY)	8.300 MMBTU/HR	
		8.300 MCF/HR	Natural Gas
		976.000 Lbs/HR	Wood
033	BOILER 3 (SAXTON)	11.000 MMBTU/HR	
		1,294.000 Lbs/HR	Wood
200	CUSTOM STAIN SPRAY BOOTH	10.000 Lbs/HR	VOC
205	CUSTOM FILLER SPRAY BOOTH	20.000 Lbs/HR	VOC
220	ROBOTIC SEALER BOOTH C	15.000 Lbs/HR	VOC
225	MANUAL SEALER BOOTH A	15.000 Lbs/HR	VOC
230	MANUAL TOPCOAT BOOTH A	10.000 Lbs/HR	VOC
240	CUSTOM TOPCOAT SPRAY BOOTH	10.000 Lbs/HR	VOC
260	ROBOTIC TOPCOAT BOOTH C	10.000 Lbs/HR	VOC
270	WIPING STAIN SPRAY BOOTH	2.000 Lbs/HR	VOC
280	FLEX A SPRAY BOOTH	10.000 Lbs/HR	VOC
290	FLEX B SPRAY BOOTH	5.000 Lbs/HR	VOC
295	SEALER B SPRAY BOOTH	15.000 Lbs/HR	VOC
295A	CUSTOM SEALER SPRAY BOOTH	5.000 Lbs/HR	VOC
301	ADHESIVE & SEALANT USAGE	1.000 Lbs/HR	VOC
360	WOODWORKING OPERATIONS	N/A	
401	REMOTE RESERVOIR COLD CLEANING MACHINE(S)	5.000 Lbs/HR	VOC
502	EMERGENCY FIRE PUMP ENGINE	10.000 Gal/HR	Diesel Fuel
C032	SOURCE 032 MULTICLONE		
C033	SOURCE 033 MULTICLONE		
C200	SOURCE 200 DRY PANEL FILTERS		
C202A	CARTRIDGE COLLECTOR A		
C202B	CARTRIDGE COLLECTOR B		
C203A	RTO A	5.600 MCF/HR	Natural Gas
C203B	RTO B	5.600 MCF/HR	Natural Gas
C205	SOURCE 205 DRY PANEL FILTERS		
C220	SOURCE 220 DRY PANEL FILTERS		
C225	SOURCE 225 DRY PANEL FILTERS		
C230	SOURCE 230 DRY PANEL FILTERS		
C240	SOURCE 240 DRY PANEL FILTERS		
C260	SOURCE 260 DRY PANEL FILTERS		
C270	SOURCE 270 DRY PANEL FILTERS		
C280	SOURCE 280 DRY PANEL FILTERS		
C290	SOURCE 290 DRY PANEL FILTERS		
C295	SOURCE 295 DRY PANEL FILTERS		

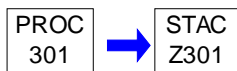
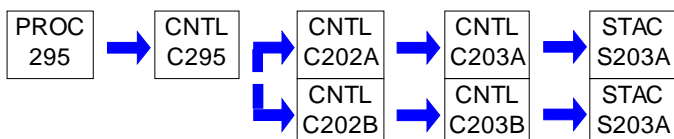
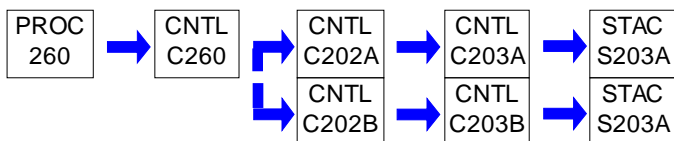
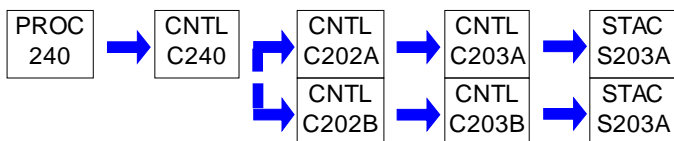
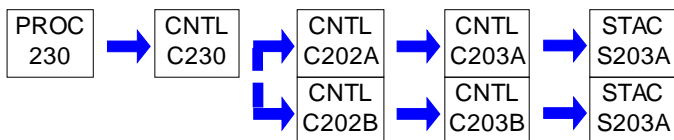
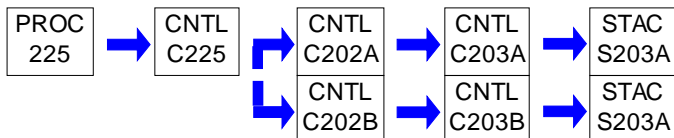
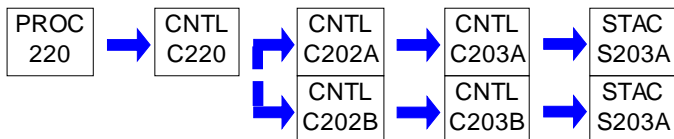
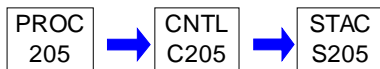
**SECTION A. Site Inventory List**

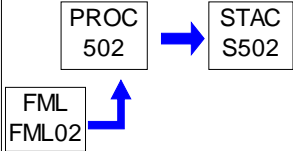
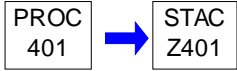
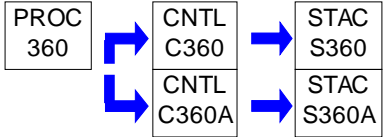
Source ID	Source Name	Capacity/Throughput	Fuel/Material
C295A	SOURCE 295A DRY PANEL FILTERS		
C360	SOURCE 360 FABRIC COLLECTORS (8 TOTAL)		
C360A	SOURCE 360 CYCLONE		
FML02	DIESEL FUEL OIL STORAGE TANK		
FML25	NATURAL GAS PIPELINE		
FML47	WASTE WOOD SILO		
S031	SOURCE 031 STACK		
S032	SOURCE 032 STACK		
S033	SOURCE 033 STACK		
S200	SOURCE 200 STACK		
S203A	RTO A STACK		
S205	SOURCE 205 STACK		
S270	SOURCE 270 STACK		
S280	SOURCE 280 STACK		
S290	SOURCE 290 STACK		
S360	SOURCE 360 STACKS		
S360A	SOURCE 360A STACK		
S502	EMERGENCY FIRE PUMP ENGINE STACK		
Z301	SOURCE 301 FUGITIVE EMISSIONS		
Z401	SOURCE 401 FUGITIVE EMISSION		

PERMIT MAPS



PERMIT MAPS



**PERMIT MAPS**

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

Words and terms that are not otherwise defined in this permit 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 § 121.7]**Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. §§ 4001-4015).

#003 [25 Pa. Code § 127.512(c)(4)]**Property Rights**

This permit does not convey property rights of any sort, or any exclusive privileges.

#004 [25 Pa. Code § 127.446(a) and (c)]**Permit Expiration**

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

#005 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e), 127.503 & 127.704(b)]**Permit Renewal**

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also promptly provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#006 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]**Transfer of Ownership or Operational Control**

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit

**SECTION B. General Title V Requirements**

responsibility, coverage and liability between the current and the new permittee; and,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#007 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]**Inspection and Entry**

(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) 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.

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

#008 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]**Compliance Requirements**

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source, which is subject to 25 Pa. Code Article III, unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued to the source are operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit.

**SECTION B. General Title V Requirements****#009 [25 Pa. Code § 127.512(c)(2)]****Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#010 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]**Duty to Provide Information**

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#011 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]**Reopening and Revising the Title V Permit for Cause**

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#012 [25 Pa. Code § 127.543]**Reopening a Title V Permit for Cause by EPA**

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

**SECTION B. General Title V Requirements****#013 [25 Pa. Code § 127.522(a)]****Operating Permit Application Review by the EPA**

The applicant may be required by the Department to provide a copy of the permit application, including the compliance plan, directly to the Administrator of the EPA. Copies of title V permit applications to EPA, pursuant to 25 PA Code §127.522(a), shall be submitted, if required, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#014 [25 Pa. Code § 127.541]**Significant Operating Permit Modifications**

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541. Notifications to EPA, pursuant to 25 PA Code §127.522(a), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#015 [25 Pa. Code §§ 121.1 & 127.462]**Minor Operating Permit Modifications**

The permittee may make minor operating permit modifications (as defined in 25 Pa. Code §121.1), on an expedited basis, in accordance with 25 Pa. Code §127.462 (relating to minor operating permit modifications). Notifications to EPA, pursuant to 25 PA Code §127.462(c), if required, shall be submitted, to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

#016 [25 Pa. Code § 127.450]**Administrative Operating Permit Amendments**

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code §127.450(a). Copies of request for administrative permit amendment to EPA, pursuant to 25 PA Code §127.450(c)(1), if required, shall be submitted to the following EPA e-mail box:

R3_Air_Apps_and_Notices@epa.gov

Please place the following in the subject line: TV [permit number], [Facility Name].

(b) Upon final action by the Department granting a request for an administrative operating permit amendment covered under §127.450(a)(5), the permit shield provisions in 25 Pa. Code § 127.516 (relating to permit shield) shall apply to administrative permit amendments incorporated in this Title V Permit in accordance with §127.450(c), unless precluded by the Clean Air Act or the regulations thereunder.

#017 [25 Pa. Code § 127.512(b)]**Severability Clause**

The provisions of this permit are severable, and if any provision of this permit is determined by the Environmental Hearing Board or a court of competent jurisdiction, or US EPA to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

**SECTION B. General Title V Requirements****#018 [25 Pa. Code §§ 127.704, 127.705 & 127.707]****Fee Payment**

- (a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees). The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.
- (b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.
- (c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.
- (d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).
- (e) The permittee shall pay an annual operating permit maintenance fee according to the following fee schedule established in 25 Pa. Code § 127.704(d) on or before December 31 of each year for the next calendar year.
- (1) Eight thousand dollars (\$8,000) for calendar years 2021—2025.
 - (2) Ten thousand dollars (\$10,000) for calendar years 2026—2030.
 - (3) Twelve thousand five hundred dollars (\$12,500) for the calendar years beginning with 2031.

#019 [25 Pa. Code §§ 127.14(b) & 127.449]**Authorization for De Minimis Emission Increases**

- (a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. The written notice shall:

- (1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.
- (2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

The Department may disapprove or condition de minimis emission increases at any time.

- (b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

- (1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.
- (2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.
- (3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of

**SECTION B. General Title V Requirements**

oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to the changes made under 25 Pa. Code § 127.449 (relating to de minimis emission increases).

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

**SECTION B. General Title V Requirements**

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#020 [25 Pa. Code §§ 127.11a & 127.215]**Reactivation of Sources**

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#021 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The owner of this Title V facility, 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 permit, 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.

#022 [25 Pa. Code §§ 127.402(d) & 127.513(1)]**Submissions**

(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the permit transmittal letter, or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Enforcement & Compliance Assurance Division
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, PA 19103-2852

The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#023 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]**Sampling, Testing and Monitoring Procedures**

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this

**SECTION B. General Title V Requirements**

permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#024 [25 Pa. Code § 127.513]**Compliance Certification**

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be postmarked or hand-delivered no later than thirty days after each anniversary of the date of issuance of this Title V Operating Permit, or on the submittal date specified elsewhere in the permit, to the Department in accordance with the submission requirements specified in Section B, Condition #022 of this permit. The Title V compliance certification shall be emailed to EPA at R3_APD_Permits@epa.gov.

#025 [25 Pa. Code §§ 127.511 & Chapter 135]**Recordkeeping Requirements**

(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of the required monitoring data and supporting information for at least five (5) years from the date of the monitoring sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records 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 information by indirect means.

**SECTION B. General Title V Requirements****#026 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]****Reporting Requirements**

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #022(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#027 [25 Pa. Code § 127.3]**Operational Flexibility**

The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

#028 [25 Pa. Code §§ 127.441(d), 127.512(i) and 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 Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

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

**SECTION B. General Title V 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 EPA 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 permit 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.
- (d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:
- (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
 - (2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.
- (e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.
- (f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:
- (1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.
 - (2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Section B, Condition #026 of this permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#029 [25 Pa. Code § 127.512(e)]**Approved Economic Incentives and Emission Trading Programs**

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#030 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]**Permit Shield**

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

- (1) The applicable requirements are included and are specifically identified in this permit.
- (2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

- (1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.
- (2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

**SECTION B. General Title V Requirements**

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department incorporating a significant permit modification in this Title V Permit shall be covered by the permit shield at the time that the permit containing the significant modification is issued.

#031 [25 Pa. Code §135.3]**Reporting**

(a) The permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

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

#032 [25 Pa. Code §135.4]**Report Format**

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall not allow the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving, and maintenance of roads and streets.
- (c) 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.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Sources and classes of sources other than those identified in (a)-(e), above, for which the permittee has obtained a determination from the Department, in accordance with 25 Pa. Code §123.1(b), that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) The emissions are of minor significance with respect to causing air pollution; and
 - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [25 Pa. Code §123.2]**Fugitive particulate matter**

The permittee shall not allow the emission of fugitive particulate matter into the outdoor atmosphere from a source specified in Section C, Condition #001(a)-(f), if the emissions are visible at the point the emissions pass outside the permittee's property.

003 [25 Pa. Code §123.31]**Limitations**

The permittee shall not allow 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 permittee's property.

004 [25 Pa. Code §123.41]**Limitations**

The permittee shall not allow the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (a) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any one hour.
- (b) Equal to or greater than 60% at any time.

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

The emission limitations of Section C, Condition #004, shall not apply when:

- (a) The presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) The emission results from sources specified in Section C, Condition #001(a)-(f).

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall limit the facility's annual emissions to less than the following thresholds during any consecutive 12-month period:

- (a) 100 tons of VOC
- (b) 10 tons of any individual hazardous air pollutant (HAP).
- (c) 25 tons of aggregate HAPs.

007 [25 Pa. Code §129.14]**Open burning operations**

The permittee shall not allow the open burning of material on the permittee's property except when the open burning operations result from:

- (a) 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.
- (b) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (c) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (d) A fire set solely for recreational or ceremonial purposes.
- (e) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.**# 008 [25 Pa. Code §139.1]****Sampling facilities.**

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

009 [25 Pa. Code §139.11]**General requirements.**

- (a) As specified in 25 Pa. Code §139.11(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.
- (b) As specified in 25 Pa. Code §139.11(2), the Department will consider test results 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, at a minimum, all of the following:
 - (1) A thorough source description, including a description of any air cleaning devices and the flue.
 - (2) Process conditions, for example, the fuel firing rate, surface coating consumption rate, recuperative thermal oxidizer combustion chamber temperature, and other conditions which may affect emissions from the process.
 - (3) The location of the sampling ports.
 - (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂, and N₂), static and barometric pressures.
 - (5) Sample collection techniques employed, including procedures used, equipment descriptions, and data to verify that

**SECTION C. Site Level Requirements**

isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.

(6) Laboratory procedures and results.

(7) Calculated results.

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

The permittee shall measure visible emissions (referenced in Section C, Conditions #004, #005, and #013) using either of the following:

(a) A device approved by the Department and maintained to provide accurate opacity measurements (e.g., Continuous Opacity Monitor).

(b) Observers trained and certified in EPA Reference Method 9 to measure plume opacity with the naked eye; or with the aid of any device(s) approved by the Department.

011 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall calculate monthly air emissions from the facility using AP-42 emission factors, performance (stack) test data, manufacturer-supplied emission factors, mass material balance, or other method(s) acceptable to the Department.

(b) The permittee shall calculate the cumulative facility VOC and HAP (individual and aggregate) emissions for each consecutive 12-month period.

012 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

The permittee shall conduct a weekly inspection around the plant periphery during daylight hours when the plant is in production to detect visible emissions, fugitive particulate matter emissions, and malodorous air contaminants. Weekly inspections are necessary to determine:

(a) The presence of visible emissions as stated in Section C, Condition #004. Visible emissions may be measured according to the methods specified in Section C, Condition #011. Alternately, plant personnel who observe visible emissions may report the incidence of visible emissions to the Department within two (2) hours of the incident and make arrangements for a certified observer to measure the visible emissions.

(b) The presence of fugitive particulate matter emissions beyond the plant property boundaries, as stated in Section C, Condition #002.

(c) The presence of malodorous air contaminants beyond the plant property boundaries, as stated in Section C, Condition #003.

IV. RECORDKEEPING REQUIREMENTS.**# 013 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall maintain records of the weekly inspections referenced in Section C, Condition #013. The records shall include, at a minimum, the following information:

(1) The name of the company representative monitoring each inspection.

(2) The date and time of each inspection.

(3) The wind direction during each inspection.

**SECTION C. Site Level Requirements**

(4) A description of the visible emissions, fugitive particulate matter emissions (beyond the plant property boundaries), and malodorous air contaminants (beyond the plant property boundaries) observed, if any, and actions taken to mitigate them. If no visible emissions or fugitive particulate matter emissions or malodors are observed, then document that none were observed.

(b) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

014 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall maintain records of the monthly air emissions referenced in Section C, Condition #012(a).

(b) The permittee shall maintain records of the cumulative facility VOC and HAP (individual and aggregate) emissions for each consecutive 12-month period as referenced in Section C, Condition #012(b). This is necessary to demonstrate compliance with Section C, Condition #006.

(c) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

015 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall maintain records of the monthly usage of each fuel consumed at the entire facility.

(b) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

V. REPORTING REQUIREMENTS.**# 016 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall report malfunctions to the Department. A malfunction is any sudden, infrequent and not reasonably preventable failure of air pollution control or monitoring equipment, process equipment, or a process to operate in a normal or usual manner that may result in an increase in air emissions. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. Malfunctions shall be reported as follows:

(a) Any malfunction which poses an imminent danger to the public health, safety, welfare, and environment, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than two (2) hours after the incident. The permittee shall submit a written report of instances of such malfunctions to the Department within three (3) days of the telephone report.

- (1) The notice shall describe the following:
- (i) name and location of the facility;
 - (ii) nature and cause of the malfunction;
 - (iii) time when the malfunction was first observed;
 - (iv) expected duration of excess emissions; and
 - (v) estimated rate of emissions.

(2) The permittee shall notify the Department immediately when corrective measures have been accomplished.

(b) Unless otherwise required by this operating permit, any other malfunction that is not subject to the reporting requirements of part (a), above, shall be reported to the Department, in writing, within five (5) days of malfunction discovery.

(c) Telephone reports pursuant to any conditions in Section B can be made to the Air Quality Program at 717-705-4702 during normal business hours, or to the Department's Emergency Hotline at any time. The Emergency Hotline phone number is changed/updated periodically. The current Emergency Hotline phone number can be found at <https://www.dep.pa.gov/About/Regional/SouthcentralRegion/Pages/default.aspx>.

**SECTION C. Site Level Requirements****# 017 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Pursuant to Section C, Category VIII. COMPLIANCE CERTIFICATION below, the permittee shall forward the annual compliance certification report to U.S. EPA electronically, in lieu of a hard copy version, to the following email address: 'R3_APD_Permits@epa.gov'.

018 [25 Pa. Code §135.3]**Reporting**

- (a) Annual emission reports required by Section B Conditions 031 and 032 shall include the following and shall be submitted electronically to Bill Weaver at wiweaver@pa.gov, unless otherwise specified by DEP.
- (b) The monthly fuel usage referenced in Section C, Condition #016, shall be included in the annual air emissions report.
- (c) The monthly air emissions and calculations referenced in Section C, Conditions #012 and #015, shall be included in the annual air emissions report.

VI. WORK PRACTICE REQUIREMENTS.**# 019 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne from any source specified in Section C, Condition #001(a)-(f). These actions shall include, but not be limited to, the following:

- (a) 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.
- (b) Application of asphalt, oil, water, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (c) Paving and maintenance of roadways.
- (d) 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.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VIII. COMPLIANCE CERTIFICATION.

The permittee shall submit within thirty days of 01/01/2025 a certificate of compliance with all permit terms and conditions set forth in this Title V permit as required under condition #026 of section B of this permit, and annually thereafter.

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

***** Permit Shield In Effect *****

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: BOILER 1 (YORK-SHIPLEY)

Source Capacity/Throughput:

8.300 MMBTU/HR

8.300 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: G004

**I. RESTRICTIONS.****Fuel Restriction(s).**

001 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The permittee shall operate Source ID 031 using natural gas fuel only.

II. TESTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: BOILER 2 (YORK-SHIPLEY)

Source Capacity/Throughput:

8.300 MMBTU/HR

8.300 MCF/HR

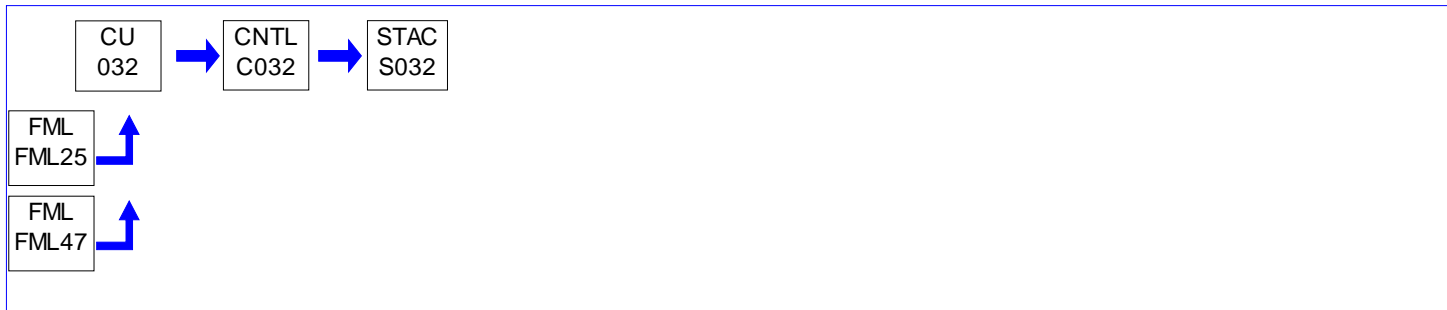
Natural Gas

976.000 Lbs/HR

Wood

Conditions for this source occur in the following groups: G004

G006

**I. RESTRICTIONS.****Fuel Restriction(s).**

001 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The permittee shall operate Source ID 032 using wood/sawdust or natural gas fuel only (fuels may be co-fired).

II. TESTING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

(a) The permittee shall maintain detailed records of all maintenance performed on Source ID 032's multiclone (Source ID C032).

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.512]

Operating permit terms and conditions.

**SECTION D. Source Level Requirements**

The permittee shall operate and maintain Source ID 032's multicloner (Source ID C032) in accordance with the manufacturer's specifications.

004 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The permittee shall operate the multicloner (Source ID C032) at all times that Source ID 032 is operating.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: BOILER 3 (SAXTON)

Source Capacity/Throughput: 11.000 MMBTU/HR
1,294.000 Lbs/HR Wood

Conditions for this source occur in the following groups: G004
G006

**I. RESTRICTIONS.****Fuel Restriction(s).**

001 [25 Pa. Code §127.512]
Operating permit terms and conditions.

The permittee shall operate Source ID 033 using wood/sawdust fuel only.

II. TESTING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.511]
Monitoring and related recordkeeping and reporting requirements.

(a) The permittee shall maintain detailed records of all maintenance performed on Source ID 033's multicloner (Source ID C033).

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

003 [25 Pa. Code §127.512]
Operating permit terms and conditions.

The permittee shall operate and maintain Source ID 033's multicloner (Source ID C033) in accordance with the manufacturer's specifications.

**SECTION D. Source Level Requirements**

004 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The permittee shall operate the multicloner (Source ID C033) at all times that Source ID 033 is operating.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

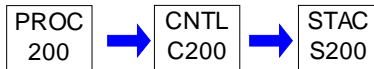
**SECTION D. Source Level Requirements**

Source ID: 200

Source Name: CUSTOM STAIN SPRAY BOOTH

Source Capacity/Throughput: 10.000 Lbs/HR VOC

Conditions for this source occur in the following groups: G002
G003
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

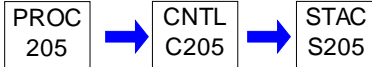
**SECTION D. Source Level Requirements**

Source ID: 205

Source Name: CUSTOM FILLER SPRAY BOOTH

Source Capacity/Throughput: 20.000 Lbs/HR VOC

Conditions for this source occur in the following groups: G002
G003
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 220

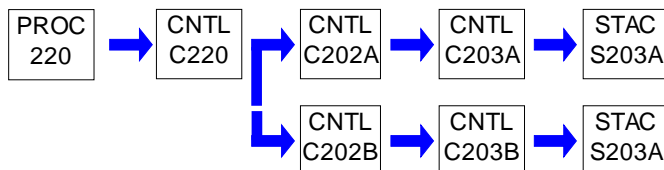
Source Name: ROBOTIC SEALER BOOTH C

Source Capacity/Throughput:

15.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G001
G002
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 225

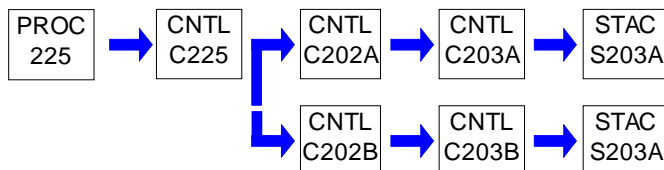
Source Name: MANUAL SEALER BOOTH A

Source Capacity/Throughput:

15.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G001
G002
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 230

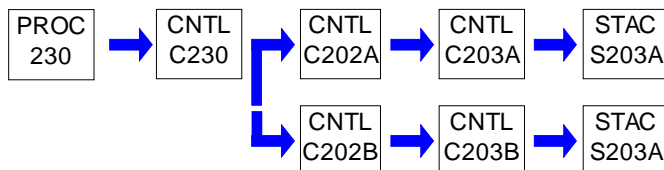
Source Name: MANUAL TOPCOAT BOOTH A

Source Capacity/Throughput:

10.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G001
G002
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 240

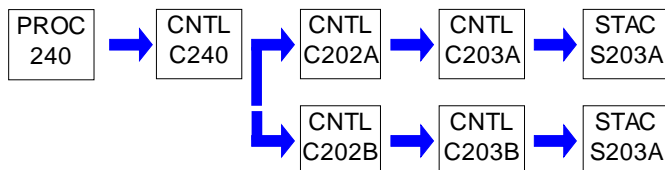
Source Name: CUSTOM TOPCOAT SPRAY BOOTH

Source Capacity/Throughput:

10.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G001
G002
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 260

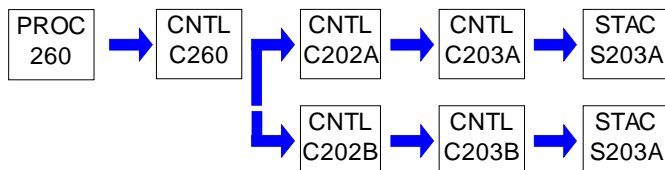
Source Name: ROBOTIC TOPCOAT BOOTH C

Source Capacity/Throughput:

10.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G001
G002
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 270

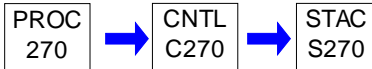
Source Name: WIPING STAIN SPRAY BOOTH

Source Capacity/Throughput:

2.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G002
G003
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 280

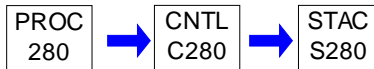
Source Name: FLEX A SPRAY BOOTH

Source Capacity/Throughput:

10.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G002
G003
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 290

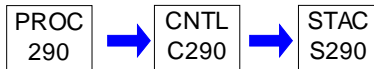
Source Name: FLEX B SPRAY BOOTH

Source Capacity/Throughput:

5.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G002
G003
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 295

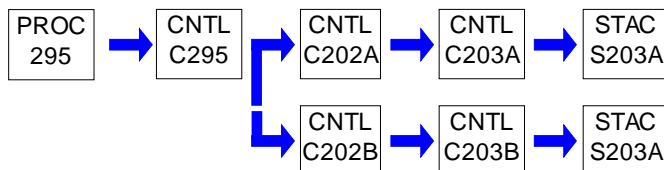
Source Name: SEALER B SPRAY BOOTH

Source Capacity/Throughput:

15.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G001
G002
G005B
G005C
G005D

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.**# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall demonstrate the VOC/HAP content of each surface coating by one of the following methods:

- (a) For surface coatings applied as they are received from the manufacturer, the permittee may demonstrate compliance with the applicable standard by obtaining EPA Method 24 certification testing from the manufacturer, or by maintaining VOC/HAP data sheets from the manufacturer.
- (b) In the absence of EPA Method 24 certification testing from the manufacturer, or VOC/HAP data sheets from the manufacturer, allowed under part (a), above, the permittee shall perform EPA Method 24 certification testing on all surface coatings applied as received from the manufacturer.
- (c) The permittee may use calculated VOC content values in lieu of EPA Method 24 certification testing for multi-part surface coatings where the permittee maintains VOC/HAP data sheets for all surface coating constituents (i.e., coatings, pigments, thinners/cutting solvents), and also maintains documentation from the manufacturer as to the recommended mix ratio of the parts. In the event of any inconsistency between the calculated VOC content and data obtained from EPA Method 24 certification testing, the latter shall take precedence.

III. MONITORING REQUIREMENTS.

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

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

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

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 295A

Source Name: CUSTOM SEALER SPRAY BOOTH

Source Capacity/Throughput:

5.000 Lbs/HR

VOC

Conditions for this source occur in the following groups: G001
G002
G005C
G005D

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V 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 permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

Source 295A is subject to requirements of E G005C and E G005D under the authority of BAT and not RACT.

[Additional authority for this permit condition is also derived from Plan Approval No. 67-05014D]

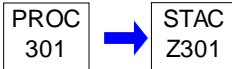
***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 301

Source Name: ADHESIVE & SEALANT USAGE

Source Capacity/Throughput: 1.000 Lbs/HR VOC

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall maintain Certified Product Data Sheets (CPDSs), Environmental Data Sheets (EDSs), Material Safety Data Sheets (MSDSs), Safety Data Sheets (SDSs), or equivalent, for all adhesives and sealants used at the facility within the most recent five-year period. This information shall be made available to the Department upon its request.

002 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall maintain the following records for Source ID 301:

- (1) Monthly usage of each adhesive and sealant;
- (2) Resultant monthly VOC/HAP(s) emissions; and
- (3) Total days and hours of any adhesive or sealant usage occurrence.

(b) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

V. REPORTING REQUIREMENTS.**# 003 [25 Pa. Code §135.3]****Reporting**

The permittee shall include the following information for Source ID 301 in the annual air emissions report described in Section C, Condition #019(a):

- (a) Monthly usage of each adhesive and sealant;
- (b) Resultant monthly VOC/HAP(s) emissions; and
- (c) Total days and hours of any adhesive or sealant usage occurrence.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall keep all containers which contain VOCs tightly closed when not in use. Spills of materials containing VOCs shall be cleaned up immediately with cleaning cloths or other methods that will minimize the evaporation of VOCs into the atmosphere.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

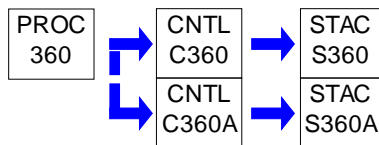
**SECTION D. Source Level Requirements**

Source ID: 360

Source Name: WOODWORKING OPERATIONS

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from each Source ID C360 fabric collector's exhaust shall not exceed 0.04 grain per dry standard cubic foot.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall operate and maintain instrumentation to measure and display the pressure differential across each Source ID C360 fabric collector.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

(a) The permittee shall monitor and record the pressure differential across each Source ID C360 fabric collector. The pressure differential shall be recorded a minimum of once per week while the source and fabric collector(s) are operating.

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

(a) The permittee shall maintain detailed records of all maintenance performed on each Source ID C360 fabric collector.

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall operate each dedicated fabric collector at all times that Source ID 360 is operating.

006 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

The permittee shall operate and maintain each Source ID C360 fabric collector:

(a) in accordance with the manufacturer's specifications; and

(b) in a manner consistent with good operating and maintenance practices.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 401

Source Name: REMOTE RESERVOIR COLD CLEANING MACHINE(S)

Source Capacity/Throughput:

5.000 Lbs/HR

VOC

PROC
401STAC
Z401**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.63]****Degreasing operations**

(a) The permittee may not use in each Source ID 401 machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(b) This operating permit condition does not apply:

(1) If any Source ID 301 machine is used in extreme cleaning service. Extreme cleaning service is defined as the use of a cold cleaning machine to clean parts used in the manufacture of the following gases or to clean parts exposed to these gases in manufacturing, production, research and development, analytical work, or other similar operations:

- (A) Oxygen in concentrations greater than 23%
- (B) Ozone
- (C) Nitrous oxide
- (D) Fluorine
- (E) Chlorine
- (F) Bromine
- (G) Halogenated compounds

(2) If the permittee demonstrates, and the Department approves in writing, that compliance with this operating permit condition will result in unsafe operating conditions.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §129.63]****Degreasing operations**

The permittee shall maintain the following records for each Source ID 401 machine:

- (a) The name and address of the solvent supplier.
- (b) The type of solvent including the product or vendor identification number.
- (c) The vapor pressure of the solvent measured in mm Hg at 20°C (68°F).

An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

**SECTION D. Source Level Requirements**

The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 003 [25 Pa. Code §129.63]****Degreasing operations**

Each Source ID 401 machine shall have a permanent, conspicuous label summarizing the operating requirements in Condition #005, below. In addition, the label shall include the following discretionary good operating practices:

- (a) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to each cold cleaning machine.
- (b) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.
- (c) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

004 [25 Pa. Code §129.63]**Degreasing operations**

Each Source ID 401 machine shall be equipped with one of the following:

- (a) A cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent.
- (b) A perforated drain with a diameter of not more than six (6) inches, if the Source ID 401 machine drains directly into the solvent storage reservoir.

005 [25 Pa. Code §129.63]**Degreasing operations**

The permittee shall operate each Source ID 401 machine in accordance with the following procedures:

- (a) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.
- (b) Flushing of parts using a flexible hose or other flushing device shall be performed only within the Source ID 401 machines. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.
- (c) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the Source ID 401 machines.
- (d) Air-agitated solvent baths may not be used.
- (e) Spills during solvent transfer and use of each Source ID 401 machine shall be cleaned up immediately.

VII. ADDITIONAL REQUIREMENTS.**# 006 [25 Pa. Code §129.63]****Degreasing operations**

All of the aforementioned operating permit conditions apply to any Source ID 401 machine using 2 gallons or more of

**SECTION D. Source Level Requirements**

solvents containing greater than 5% VOC content by weight for the cleaning of metal parts.

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: 502

Source Name: EMERGENCY FIRE PUMP ENGINE

Source Capacity/Throughput:

10.000 Gal/HR

Diesel Fuel

Conditions for this source occur in the following groups: G009

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §123.13]

Processes

The permittee shall not allow the emission into the outdoor atmosphere of particulate matter (PM) from the Source ID 502 engine in a manner that the concentration of PM in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

The permittee shall not allow the emission into the outdoor atmosphere of sulfur oxides from the Source ID 501 engine 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.

Operation Hours Restriction(s).

003 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The Source ID 502 engine shall not operate more than 500 hours during any consecutive 12-month period.

II. TESTING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) The permittee shall maintain records of the Source ID 502 engine's monthly hours of operation.

(b) The permittee shall maintain records of the Source ID 502 engine's cumulative hours of operation for each consecutive 12-month period. This is necessary to demonstrate compliance with Condition #004, above.

(c) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

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

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.512]

Operating permit terms and conditions.

The Source ID 502 engine shall be operated and maintained in accordance with the manufacturer's specifications.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and/or Section E (Source Group Restrictions).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: C203A

Source Name: RTO A

Source Capacity/Throughput:

5.600 MCF/HR

Natural Gas

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

Source ID: C203B

Source Name: RTO B

Source Capacity/Throughput:

5.600 MCF/HR

Natural Gas

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: G001

Group Description: CONTROLLED SPRAY PAINT BOOTHS

Sources included in this group

ID	Name
220	ROBOTIC SEALER BOOTH C
225	MANUAL SEALER BOOTH A
230	MANUAL TOPCOAT BOOTH A
240	CUSTOM TOPCOAT SPRAY BOOTH
260	ROBOTIC TOPCOAT BOOTH C
295	SEALER B SPRAY BOOTH
295A	CUSTOM SEALER SPRAY BOOTH

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A, 67-05014B, and 67-05014C]

The permittee shall not allow the emission into the outdoor atmosphere of particulate matter (PM) from Group G001's regenerative thermal oxidizers (RTO) [Source IDs C203A and C203B] exhaust stack in a manner that the concentration of PM in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

[25 Pa. Code §123.13(c)(1)(i)]

002 [25 Pa. Code §123.21]**General**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A, 67-05014B, and 67-05014C]

The concentration of sulfur oxides (SO_x), expressed as sulfur dioxide (SO₂), in Group G001's RTOs effluent gas shall not exceed 500 parts per million, by volume (dry basis).

[25 Pa. Code §123.21(b)]

003 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The RTOs (ID C203A and C203B) shall meet a 98% destruction efficiency of VOC's entering the control system or emit VOC in concentration less than or equal to 20 ppmv as propane. The destruction efficiency and outlet loading are manufacturer guarantees and constitute BAT for the RTOs.

Fuel Restriction(s).**# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A, 67-05014B and 67-05014C]

The permittee shall operate Group 001's RTOs (IDs C203A and C203B) using natural gas fuel only.

II. TESTING REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall, once each calendar year, perform testing to verify that the enclosures of the following booths 220, 225,

**SECTION E. Source Group Restrictions.**

230, 240, 260, and 295, conform with the requirements of EPA Method 204 to qualify as permanent total enclosures. If the testing does not show such conformance, this shall be deemed a violation, and the permittee shall take prompt corrective action, and shall perform re-testing as necessary to demonstrate conformance.

006 [25 Pa. Code §139.11]**General requirements.**

(a) Pursuant to 25 Pa. Code § 139.3 at least 90 calendar days prior to commencing an emissions testing program, unless otherwise approved in writing by DEP, a test protocol shall be submitted to the Department for review and approval. Unless otherwise approved in writing by DEP, the permittee shall not conduct the test that is the subject of the protocol, until the protocol has been approved by DEP.

(b) Pursuant to 25 Pa. Code § 139.3 at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the appropriate Regional Office. 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 25 Pa. Code Section 139.53(a)(3) within 15 calendar days after completion of the on-site testing portion of an emission test program, if a complete test report has not yet been submitted, an electronic mail notification shall be sent to the Department's Division of Source Testing and Monitoring and the appropriate Regional Office indicating the completion date of the on-site testing.

(d) Pursuant to 40 CFR Part 60.8(a), 40 CFR Part 61.13(f) and 40 CFR Part 63.7(g) 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. For those tests being conducted pursuant to 40 CFR Part 61, a complete test report shall be submitted within 31 days after completion of the test

(e) 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 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 condition.

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

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

(h) 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/ecommm/Login.jsp> when it becomes available. If internet submittal cannot be accomplished, one digital copy of each submittal shall be made to each of the following:

Regional Office:

Digital copy: RA-epsctesttesting@pa.gov

Bureau of Air Quality:

Digital copy: RA-epstacktesting@pa.gov

(i) 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.

**SECTION E. Source Group Restrictions.****# 007 [25 Pa. Code §139.11]****General requirements.**

(a) Unless otherwise approved in writing by the Department, the permittee shall conduct a VOC destruction efficiency performance test of the Group G001 spray paint booths and the regenerative thermal oxidizers (RTO) (ID C203A and C203B) a minimum of once per calendar year pursuant to Chapter 139 of the rules and regulations of the Department. The test shall be performed while each Group G001 spray paint booth is operated at its maximum normal production rate unless otherwise approved, in writing, by the Department.

(b) The permittee shall use EPA Reference Method 25, 25A, or another Method(s) approved, in writing, by the Department in determining the VOC control system's inlet and outlet VOC emissions, as well as the resultant VOC destruction efficiency. The VOC emissions shall be reported in terms of propane; and in units of pounds/hour and ppmvd.

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 008 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A, 67-05014B, and 67-05014C]

(a) The permittee shall maintain detailed records of all maintenance performed on the VOC control system (Cartridge Collectors IDs C202A and C202B, and RTOs IDs 203A and 203B).

(b) The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

009 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this CAM permit condition is also derived from 40 CFR Part 64, §§64.3, 64.6 and 64.9]

(a) The permittee shall operate and maintain instrumentation to continuously measure, display, and record the RTO combustion chamber temperature every 15 minutes while the RTO is operating.

(b) The permittee shall operate and maintain instrumentation to continuously measure and display the pressure drop across the cartridge collectors. The pressure drop shall be recorded daily during the pre-operational inspection.

(c) During periods of instrumentation malfunction or its maintenance/repair, the permittee shall follow malfunction reporting requirements contained in Section C.

(d) The permittee shall retain the above records for a minimum of five (5) years and shall make the records available to the Department upon its request.

010 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this CAM permit condition is also derived from 40 CFR Part 64, §64.9]

(a) The permittee shall conduct the following VOC Control System and VOC Capture system inspection and preventative maintenance program at least once during each calendar year, and record the status of their completion:

- (1) Calibrate all sensors, transmitters and high temperature limits.
- (2) Check all pressure/position /level switches and adjust as necessary.
- (3) Check the stroke of all control valves.
- (4) Verify and/or adjust air to fuel ratio.
- (5) Check fuel or water nozzles.
- (6) Check pilot burner setup and verify lighting reliability.
- (7) Inspect system component functionality and replace as necessary.

**SECTION E. Source Group Restrictions.**

- (8) Check all safety interlocks. Adjust as necessary and verify annunciation.
- (9) Leak test all fuel safety shut off valves.
- (10) Accuracy of the two thermocouples will be verified using hand held measuring equipment and re-calibrated if required.
- (11) Functionality of automated access doors on the controlled spray booths and drying tunnels.
- (12) cartridge collectors replaced annually or as needed.
- (13) Pressure monitors calibrated during cartridge replacement.

- (b) The permittee shall conduct and record the following daily pre-operational system checks
 - (1) Read and record pressure differential across cartridge dust collectors.
 - (2) Automatic diagnostic pre-operational system check when the VOC control system is placed into operating (Oxidizer) mode from standby mode. Any system faults shall be resolved prior to the commencement of surface coating operations in controlled spray booths.
 - (3) Inspection and maintenance of the VOC capture system to verify the proper operation of the access doors.

- (c) The following records shall be retained:
 - (1) All inspections, repair, and maintenance performed on the monitoring equipment
 - (2) All monitoring downtime incidents, other than downtime associated with zero and span or other daily calibration checks, if applicable.
 - (3) The dates, times and durations, probable causes and corrective actions taken for the incidents described in part (c)(2), above
 - (4) All excursions and corrective actions taken in response to an excursion and the time elapsed until the corrective actions have been taken

- (d) All records described in (a)-(b), above, shall be kept for a period of five (5) years and shall be made available to the Department upon its request.

V. REPORTING REQUIREMENTS.**# 011 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this CAM permit condition is also derived from 40 CFR Part 64, §§64.9 & 70.6(a)(3)(iii)(A)]

- (a) The permittee shall submit semi-annual reports of all excursions and corrective actions taken, the dates, times, durations and probable causes.

- (b) The permittee shall submit semi-annual reports of all monitoring equipment 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 (re: RTO combustion chamber temperature, cartridge filter pressure drop, VOC control system faults, automatic access door faults).

- (c) The semi-annual reporting periods shall be defined as January 1 to June 30 and July 1 to December 31.

- (d) Each report shall be submitted within 30 calendar days of the end of each semi-annual reporting period.

VI. WORK PRACTICE REQUIREMENTS.**# 012 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this CAM permit condition is also derived from 40 CFR Part 64, §§64.3 & 64.6]

The permittee shall maintain all monitoring equipment and stock spare parts as necessary for routine on-site repairs.

013 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Additional authority for this CAM permit condition is also derived from 40 CFR Part 64, §§64.3 & 64.6]

- (a) The permittee shall ensure that at least 90% of the approved VOC control system (RTO) temperature monitoring data during each semiannual period has been properly and accurately collected.

**SECTION E. Source Group Restrictions.**

(b) The permittee shall maintain sufficient records to demonstrate compliance with part (a), above.

014 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A and 67-05014B]

The permittee shall operate the VOC control system (cartridge collectors IDs C202A and C202B and regenerative thermal oxidizers IDs 203A and 203B) at all times that one or more Group G001 spray paint booths are operating.

If one or both of the RTOs (IDs 203A or 203B) cannot be operated, the facility shall limit production of the controlled booths so that no controlled booths are vented uncontrolled.

015 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A and 67-05014B]

The permittee shall operate and maintain the VOC control system (cartridge collectors and RTOs):

(a) in accordance with the manufacturer's specifications; and

(b) in a manner consistent with good operating and maintenance practices.

016 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Additional authority for this CAM permit condition is also derived from 40 CFR Part 64, §§64.3 & 64.6; and Plan Approval Nos. 67-05014A, 67-05014B and 67-05014C for (a), below]

(a) The permittee shall preheat the RTO's combustion chamber to a minimum temperature of 1600°F prior to the operation of any of the Group G001 spray paint booths. The permittee shall maintain the set-point of the RTO at a minimum combustion chamber temperature of 1650°F during operation of any of the Group G001 spray paint booths. An RTO combustion chamber temperature of less than 1600°F over a one (1) hour averaging period shall be defined as an excursion.

(b) If a temperature of 1700°F is exceeded in the RTO combustion chamber, a system fault shall shut down the RTO in order to protect equipment from damage.

(c) A cartridge collector pressure drop greater than 10 inches of water column or, 0 or less inches of water column, shall be defined as an excursion.

(d) The permittee shall conduct a daily pre-operation inspection to ensure proper operation of access doors prior to operation of the spray booths. Operation of the spray booths while the automatic doors fail to operate as designed shall be defined as an excursion.

(e) The RTO combustion chamber thermocouple shall be located in the combustion chamber as an integral part of the RTO design. The flame shall not directly impinge the thermocouple.

(f) The RTO combustion chamber temperature recording instrumentation shall be calibrated a minimum of once annually.

(g) The cartridge collector pressure monitors shall be calibrated upon filter replacement, due at a least once annually.

VII. ADDITIONAL REQUIREMENTS.**# 017 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this CAM permit condition is also derived from 40 CFR Part 64, §64.8]

(a) The permittee shall develop and implement a Quality Improvement Plan (QIP) as expeditiously as practicable if any of

**SECTION E. Source Group Restrictions.**

the following occur:

- (1) Six (6) excursions of any given parameter occur in a six (6) month reporting period
- (2) The Department determines after review of all reported information that the permittee has not responded acceptably to an excursion
- (b) The QIP plan should be developed within 60 days and the permittee shall provide a copy of the QIP to the Department. Furthermore, the permittee shall notify the Department if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.
- (c) The permittee shall record actions taken to implement a QIP during a reporting period and all related actions including, but not limited to inspections, repairs, and maintenance performed on the VOC control system (rotary VOC concentrator and RTO) temperature monitoring equipment.
- (d) In accordance with 40 CFR §64.8, the QIP shall include procedures for evaluating the control performance problems. Based on the results of the evaluation procedures, the permittee shall modify the QIP and provide the Department with a copy, to include procedures for conducting more frequent, or improved, monitoring in conjunction with one or more of the following:
 - (1) Improved preventive maintenance practices
 - (2) Process operation changes
 - (3) Appropriate improvements to the control methods
 - (4) Other steps appropriate to correct performance
- (e) Following implementation of a QIP, the Department will require reasonable revisions to the QIP if the plan has failed to either:
 - (1) Address the cause of the control device performance problem
 - (2) Provide adequate procedures for correcting control device performance problems in as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions
- (f) Implementation of a QIP shall not excuse the permittee from compliance with any existing emission limitation or standard or any existing monitoring, testing, reporting or recordkeeping requirements that may apply under any federal, state, or local laws or any other applicable requirements under the Clean Air Act.

*** **Permit Shield in Effect.** ***

**SECTION E. Source Group Restrictions.**

Group Name: G002

Group Description: ALL SPRAY PAINT BOOTHS

Sources included in this group

ID	Name
200	CUSTOM STAIN SPRAY BOOTH
205	CUSTOM FILLER SPRAY BOOTH
220	ROBOTIC SEALER BOOTH C
225	MANUAL SEALER BOOTH A
230	MANUAL TOPCOAT BOOTH A
240	CUSTOM TOPCOAT SPRAY BOOTH
260	ROBOTIC TOPCOAT BOOTH C
270	WIPING STAIN SPRAY BOOTH
280	FLEX A SPRAY BOOTH
290	FLEX B SPRAY BOOTH
295	SEALER B SPRAY BOOTH
295A	CUSTOM SEALER SPRAY BOOTH

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 001 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A and 67-05014B and Operating Permit No. 67-02014A]

The permittee shall maintain Certified Product Data Sheets (CPDSs), Environmental Data Sheets (EDSs), or Material Safety Data Sheets (MSDSs) for all surface coatings, cutting solvents/thinners, and cleanup solvents used by the Group G002 spray paint booths within the most recent five-year period. This information shall be made available to the Department upon its request.

002 [25 Pa. Code §129.52]**Surface coating processes**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A and 67-05014B and Operating Permit No. 67-02014A]

The permittee shall maintain daily records of:

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

- (1) The coating, thinner or component(s) name and identification number
- (2) The volume used
- (3) The mix ratio for the as applied surface coating
- (4) The density or specific gravity
- (5) The weight percent of total volatiles, water, solids and exempt VOCs

**SECTION E. Source Group Restrictions.**

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

(c) The VOC content of each as applied surface coating.

The permittee shall maintain these records for a minimum of five (5) years. The records shall be made available to the Department upon request.

[Compliance with the requirement(s) specified in this streamlined plan approval condition assures compliance with the provisions contained at 40 CFR Section 52.2020(c)(94) that were approved by EPA as an amendment to the Commonwealth of Pennsylvania's SIP and became federally enforceable on September 18, 2001]

[25 Pa. Code §129.52(c)]

V. REPORTING REQUIREMENTS.**# 003 [25 Pa. Code §135.3]****Reporting**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A and 67-05014B and Operating Permit No. 67-02014A]

(a) The permittee shall include the following information in the annual air emissions report referenced in Section C, Condition #019(a), for each coating, thinner and other component(s) applied at each Group G002 spray paint booth:

- (1) Name and identification number
- (2) The VOC content of the coating, thinner and other component(s) as supplied (pounds VOC per gallon of coating solids, minus water and exempt VOCs)
- (3) The VOC content of the as applied surface coating (pounds VOC per gallon of coating solids, minus water and exempt VOCs)
- (4) Coating density (pounds per gallon, at 25°C)
- (5) Percent total volatiles (by weight)
- (6) Percent water (by weight)
- (7) Percent solids (by volume and weight)
- (8) Percent exempt VOC(s) (by weight)
- (9) Percent VOCs (by weight)
- (10) Mix ratio for the as applied surface coating
- (11) Percent hazardous air pollutant(s) [HAP(s)] (by weight and by individual HAP)
- (12) Gallons per month used
- (13) Pounds per month of VOC emissions
- (14) Pounds per month of HAP(s) emissions (by individual HAP)

This information shall be reported using VOC Worksheets supplied by the Department, or an equivalent format acceptable to the Department.

(b) The total days and approximate hours of operation of each Group G002 spray paint booth shall also be included in the annual report.

(c) The permittee shall also maintain records of the type and amount (gallons per month) of VOC/HAP-containing cleanup solvent(s) collectively used in conjunction with the operation of Group G002 (i.e., cleaning activities and wash-off operations), as well as the resultant monthly VOC and HAP(s) emissions.

(d) The permittee shall provide the following information for waste coatings, solvents, or mixtures sent off-site for recycling or disposal in order to obtain credit for VOC and HAP(s) emissions reporting of items (a)(13) and (a)(14), respectively, above:

- (1) Pounds and gallons per month of waste coatings, solvents, or mixtures shipped from the facility
- (2) Waste profile or sampling data for a representative shipment (conducted a minimum of once each calendar year)
- (3) Identification of the waste disposal company for each shipment

**SECTION E. Source Group Restrictions.**

(e) The permittee shall include each new surface coating in the annual report and indicate that it is a new surface coating used during the reporting year.

VI. WORK PRACTICE REQUIREMENTS.**# 004 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A and 67-05014B and Operating Permit No. 67-02014A]

The permittee shall only apply VOC-laden surface coatings via high volume-low pressure (HVLP), air-assisted airless, electrostatic, curtain coating, roll coating, hand roller, hand brush, flow coating or dip coating application equipment.

005 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from Plan Approval Nos. 67-05014A and 67-05014B and Operating Permit No. 67-02014A]

The permittee shall keep all containers which contain VOCs tightly closed when not in use. Spills of materials containing VOCs shall be cleaned up immediately with cleaning cloths or other methods that will minimize the evaporation of VOCs into the atmosphere. Solvent-laden cleaning cloths shall be kept in closed containers when not in use.

006 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from Plan Approval No. 67-05014B]

The permittee shall not allow the operation of any of the Group G002 spray paint booths unless they are equipped with paint filters (dry panel filters) for particulate matter control.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: G003

Group Description: UNCONTROLLED SPRAY PAINT BOOTHS

Sources included in this group

ID	Name
200	CUSTOM STAIN SPRAY BOOTH
205	CUSTOM FILLER SPRAY BOOTH
270	WIPING STAIN SPRAY BOOTH
280	FLEX A SPRAY BOOTH
290	FLEX B SPRAY BOOTH

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

[Additional authority for this permit condition is also derived from Plan Approval No. 67-05014B]

The permittee shall not allow the emission into the outdoor atmosphere of particulate matter (PM) from each individual Group G003 spray paint booth's exhaust stack in a manner that the concentration of PM in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

[25 Pa. Code §123.13(c)(1)(i)]

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall limit aggregate total emissions of VOCs from sources contained in this source group to less than 60.06 tons VOC during any consecutive 12-month period and shall keep records to demonstrate compliance with this limitation.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).



SECTION E. Source Group Restrictions.

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: G004

Group Description: BOILERS

Sources included in this group

ID	Name
031	BOILER 1 (YORK-SHIPLEY)
032	BOILER 2 (YORK-SHIPLEY)
033	BOILER 3 (SAXTON)

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

The permittee shall not allow the emission of particulate matter into the outdoor atmosphere from any Group G004 boiler in excess of 0.4 pound per million BTU of heat input.

[25 Pa. Code §123.11(a)(1)]

002 [25 Pa. Code §123.22]**Combustion units**

The permittee shall not allow the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from any Group G004 boiler in excess of four (4) pounds per million BTU of heat input over any one (1) hour period.

[Compliance with the requirement(s) specified in this streamlined permit condition assures compliance with the SIP-approved sulfur dioxide emission limit specified in 40 CFR 52.2020(c)(1)]

[25 Pa. Code §123.22(b)(1)]

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The permittee shall calculate monthly air emissions from each Group G004 boiler using AP-42 emission factors, manufacturer-supplied emission factors, material balance, performance (stack) test data, or other method(s) approved by the Department.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

(a) The permittee shall maintain the following records for each Group G004 boiler:

- (1) Monthly fuel usage
- (2) Monthly air emissions

(b) The permittee shall retain these records for a minimum of five (5) years. The records shall be made available to the Department upon its request.

V. REPORTING REQUIREMENTS.**# 005 [25 Pa. Code §135.3]****Reporting**

The permittee shall include the following information in the annual air emissions report described in Section C, Condition #019(a), for each Group G004 boiler:

**SECTION E. Source Group Restrictions.**

- (a) Monthly fuel usage
- (b) Monthly air emissions

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §127.512]****Operating permit terms and conditions.**

The permittee shall operate and maintain each Group G004 boiler in a manner consistent with good operating and maintenance practices and manufacturer's specifications.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: G005B

Group Description: RACT 1 CASE-BY-CASE

Sources included in this group

ID	Name
200	CUSTOM STAIN SPRAY BOOTH
205	CUSTOM FILLER SPRAY BOOTH
220	ROBOTIC SEALER BOOTH C
225	MANUAL SEALER BOOTH A
230	MANUAL TOPCOAT BOOTH A
240	CUSTOM TOPCOAT SPRAY BOOTH
260	ROBOTIC TOPCOAT BOOTH C
270	WIPING STAIN SPRAY BOOTH
280	FLEX A SPRAY BOOTH
290	FLEX B SPRAY BOOTH
295	SEALER B SPRAY BOOTH

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §129.91]****Control of major sources of NOx and VOCs**

York Group, Inc. dba York Casket Company, York Facility
RACT Plan Approval Extension No. 67-2014 SIP requirements

The casket and furniture manufacturing facility includes the following sources:

Casket Manufacturing

Source: Manufacturer

**SECTION E. Source Group Restrictions.**

Stain Spray Booth: Devilbiss
Wiping Stain & Fill Booth: Devilbiss
Stain Oven: Devilbiss
Touch Up: YCC
*Sealer Booth #1: Devilbiss
*Sealer Booth #2: Devilbiss
Sealer Oven: Devilbiss
*Top Coat Booth #1: Devilbiss
Top Coat Oven #1: Devilbiss
*Top Coat Booth #2: Devilbiss
Top Coat Oven #2: Devilbiss
Final Bake Oven: Devilbiss
Utility Booth: Devilbiss
Touch Up (Ethel Hosp.): Devilbiss
Wax Job Station: YCC
Specialty Booth: Devilbiss
Specialty Oven: Devilbiss
*Small Part Booth & Wash Off Tank: Devilbiss/YCC
Storage Area #1: YCC
Storage Area #1: YCC

*designates controlled booths

1. The VOC RACT plan for this facility is to be implemented in accordance with the plans submitted with the application (as herein approved). [AS AN ALTERNATIVE TO THE BOOTHS CONTROLLED ABOVE BY THE CONCENTRATOR-CATALYTIC INCINERATOR, THE FACILITY MAY INSTEAD CONTROL BOOTHS 220, 225, 230, 240, 260 AND 295 WITH THE NEW RTOS C203A AND C203B]

3. This plan approval constitutes a RACT determination as per 25 Pa. Code Section 129.91 and 129.92 for the above sources.

4. The concentrator-catalytic incinerator is to be installed in accordance with the plans and specifications submitted with the application. [AS AN ALTERNATIVE TO THE BOOTHS CONTROLLED ABOVE BY THE CONCENTRATOR-CATALYTIC INCINERATOR, THE FACILITY MAY INSTEAD CONTROL BOOTHS 220, 225, 230, 240, 260 AND 295 WITH THE NEW RTOS C203A AND C203B]

5. Two sealer booths, two top coat booths, small part booth and wash off tank may only be operated when the concentrator-catalytic incinerator is operating. [AS AN ALTERNATIVE TO THE BOOTHS CONTROLLED ABOVE BY THE CONCENTRATOR-CATALYTIC INCINERATOR, THE FACILITY MAY INSTEAD CONTROL BOOTHS 220, 225, 230, 240, 260 AND 295 WITH THE NEW RTOS C203A AND C203B]

6. The VOC emissions generated from the casket and furniture manufacturing facility including clean-up covered under RACT Approval No. 67-2014 shall never exceed 100 tons per calendar year, 1,000 pounds per day or 100 pounds per hour. The calendar year is from 12:00 a.m. January 1 through 11:59 p.m. December 31. The rate of emissions per day is emissions from 12:00 a.m. through 11:59 p.m. on the same calendar day.

7. The VOC emissions from the exhaust of the concentrator-incinerator stacks shall be kept below 15 lbs/hr on a daily basis.

8. The company shall demonstrate that a minimum of 90% capture efficiency at controlled sources, at least 90% destruction efficiency for VOC, and total VOC emissions (including clean-up) are not exceeding 100 tons per year by performing stack tests and material balance, annually. [AS AN ALTERNATIVE, THE PERMITTEE MAY SHOW COMPLIANCE WITH THE 90% CAPTURE/90% DESTRUCTION REQUIREMENT BY DEMONSTRATING AN EQUIVALENT EMISSION REDUCTION FROM THE FACILITY ON AN ANNUAL BASIS, SUCH THAT NO MORE THAN 2.67 LB VOC PER CASKET UNIT PRODUCED ARE EMITTED TO THE OUTDOOR ATMOSPHERE.]

9. The company shall replace the existing standard spray nozzles with air assisted airless, high volume-low pressure

**SECTION E. Source Group Restrictions.**

(HVLN) or equivalent nozzles.

10. The coatings used for furniture manufacturing shall be complied with 25 Pa. Code §129.52, Table 1, Item No. 11 with an adjustment to a standard solvent density of 7.36 pounds per gallon and to a solid basis.

*** **Permit Shield in Effect.** ***

**SECTION E. Source Group Restrictions.**

Group Name: G005C

Group Description: RACT 2 CASE-BY-CASE

Sources included in this group

ID	Name
200	CUSTOM STAIN SPRAY BOOTH
205	CUSTOM FILLER SPRAY BOOTH
220	ROBOTIC SEALER BOOTH C
225	MANUAL SEALER BOOTH A
230	MANUAL TOPCOAT BOOTH A
240	CUSTOM TOPCOAT SPRAY BOOTH
260	ROBOTIC TOPCOAT BOOTH C
270	WIPING STAIN SPRAY BOOTH
280	FLEX A SPRAY BOOTH
290	FLEX B SPRAY BOOTH
295	SEALER B SPRAY BOOTH
295A	CUSTOM SEALER SPRAY BOOTH

I. RESTRICTIONS.**Emission Restriction(s).**

001 [25 Pa. Code §129.91]

Control of major sources of NO_x and VOCs

[Additional authority for this permit condition is also derived from Operating Permit No. 67-02014A]

(a) The permittee shall limit VOC emissions from the Group G005C spray paint booths by applying either waterborne topcoats or a combination of sealers and topcoats and strippable spray booth coatings with a VOC content equal to or less than the following limits (as applied to the substrate, minus water and exempt VOCs), expressed in units of pounds VOC per pound coating solids:

- (1) waterborne topcoats = 0.8
- (2) high solids coating systems
 - (A) sealer = 1.9
 - (B) topcoat = 1.8
- (3) acid-cured alkyd amino systems
 - (A) acid-cured alkyd amino sealer = 2.3
acid-cured alkyd amino conversion varnish topcoat = 2.0
 - (B) other sealer = 1.9
acid-cured alkyd amino conversion varnish topcoat = 2.0
 - (C) acid-cured alkyd amino sealer = 2.3
other topcoat = 1.8
- (4) waterborne strippable spray booth coating = 0.8

The VOC content of the as applied coating, expressed in units of pounds VOC per pound coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo})/(\text{Wn})$$

**SECTION E. Source Group Restrictions.**

where:

VOC = VOC content expressed in units of pounds VOC per pound coating solids

Wo = weight percent of VOC (Wv - Ww - Wex)

Wv = weight percent of total volatiles (100% - Wn)

Ww = weight percent of water

Wex = weight percent of exempt solvents

Wn = weight percent of solids of the as applied coating

(b) The VOC standards of part (a), above, 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 permittee requests, in writing, and the Department approves, in writing, the exemption prior to use of the coating.

(c) The permittee shall comply with the more stringent emissions limitation contained in this permit condition or Condition #002, below.

002 [25 Pa. Code §129.91]**Control of major sources of NOx and VOCs**

[Additional authority for this permit condition is also derived from Operating Permit No. 67-02014A]

(a) The permittee shall not cause or permit the emission into the outdoor atmosphere of VOCs from the Group G005C spray paint booths in excess of the following limits (as applied to the substrate, minus water and exempt VOCs), expressed in units of pounds VOC per pound coating solids:

(1) topcoats and enamels = 3.0

(2) washcoat = 14.3

(3) final repair coat = 3.3

(4) basecoats = 2.2

(5) cosmetic specialty coatings = 14.3

(6) sealers = 3.9

The VOC content of the as applied coating, expressed in units of pounds VOC per pound coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo})/(\text{Wn})$$

where:

VOC = VOC content expressed in units of pounds VOC per pound coating solids

Wo = weight percent of VOC (Wv - Ww - Wex)

Wv = weight percent of total volatiles (100% - Wn)

Ww = weight percent of water

Wex = weight percent of exempt VOCs

Wn = weight percent of solids of the as applied coating

(b) The VOC standards of part (a), above, 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 permittee requests, in writing, and the Department approves, in writing, the exemption prior to use of the coating.

**SECTION E. Source Group Restrictions.**

(c) The permittee shall comply with the more stringent emissions limitation contained in this permit condition or Condition #001, above.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §129.91]****Control of major sources of NO_x and VOCs**

[Additional authority for this permit condition is also derived from Operating Permit No. 67-02014A]

(a) For each sealer, topcoat, strippable spray booth coating, enamel, washcoat, final repair coat, basecoat, and cosmetic specialty coating, the permittee shall demonstrate compliance with the emission standards contained at Conditions #001 and #002, above, by using one or more of the following methods:

(1) Maintain Certified Product Data Sheets (CPDSs) for each of the coatings.

(2) Maintain documentation showing the VOC content of the as applied coating in pounds VOC per pound coating solids, if solvent or other VOC is added to the coating before application.

(3) Perform sampling and testing in accordance with the procedures and test methods in Chapter 139 (relating to sampling and testing) of the rules and regulations of the Department of Environmental Protection.

(b) The permittee shall submit, in writing, to the Department a compliance certification with the semi-annual report required by Condition #006, below.

(1) The permittee shall demonstrate continuous compliance by the following:

(i) Using compliant coatings.

(ii) Maintaining records that demonstrate that the coatings are compliant.

(iii) Submitting a compliance certification which states that compliant sealers, topcoats, or both, and strippable spray booth coatings have been used each day in the semi-annual reporting period or should otherwise identify the days of non-compliance and the reasons for non-compliance.

(2) The permittee shall demonstrate continuous compliance by following the work practice implementation plan and submitting a compliance certification which states that the work practice implementation plan is being followed, or should otherwise identify the periods of non-compliance with the work practice standards and the reasons for non-compliance.

(c) The compliance certification shall be signed by a responsible official of the company that owns or operates the facility. In addition to the certification requirements of this section, the certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §129.91]****Control of major sources of NO_x and VOCs**

[Additional authority for this permit condition is also derived from Operating Permit No. 67-02014A]

(a) The permittee shall keep records to demonstrate compliance with this permit condition and Conditions #001, #002, #003, #006, #007, and #008 of Section E (Group G005C). The records shall be maintained for at least five (5) years and shall be made available to the Department upon its request.

**SECTION E. Source Group Restrictions.**

(b) The permittee shall maintain the following records to demonstrate compliance with Condition #001, above:

(1) A CPDS for each coating and strippable spray booth coating.

(2) The VOC content as applied (pounds VOC per pound coating solids) of each coating and strippable spray booth coating, and copies of data sheets documenting how the as applied values were determined.

(c) The permittee shall maintain on-site copies of the work practice implementation plan and all records associated with fulfilling the requirements of that plan, including:

(1) Records demonstrating that the operator training program is in place.

(2) Records maintained in accordance with the leak inspection and maintenance plan.

(3) Records associated with the cleaning and wash-off solvent accounting system.

(4) Records associated with the limitation on the use of conventional air spray guns showing total coating usage and the percentage of coatings applied with conventional air spray guns for each semi-annual reporting period.

(5) Records showing the VOC content of compounds used for cleaning booth components, except for solvent used to clean conveyors and their enclosures or metal filters.

(6) Copies of logs and other documentation developed to demonstrate that the other provisions of the work practice implementation plan are followed.

(d) The permittee shall maintain a copy of the compliance certifications submitted in accordance with Condition #006, below, for each semi-annual period following the compliance date.

(e) The permittee shall maintain a copy of the information submitted with the semi-annual reports required by Condition #006, below.

V. REPORTING REQUIREMENTS.**# 005 [25 Pa. Code §129.91]****Control of major sources of NO_x and VOCs**

[Additional authority for this permit condition is also derived from Operating Permit No. 67-02014A]

The permittee shall report any new surface coating, or any compositional changes in an existing surface coating that results in an increase in VOC content, to the Air Quality District Supervisor prior to its use. Information to be reported shall include the following items:

(a) The following parameters for each Group G005C coating, thinner and other component(s) as supplied:

(1) The coating, thinner or component(s) name and identification number

(2) The mix ratio for the as applied surface coating

(3) The density or specific gravity

(4) The weight percent of total volatiles, water, solids and exempt VOCs

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

(c) The VOC content of each as applied surface coating.

006 [25 Pa. Code §129.91]**Control of major sources of NO_x and VOCs**

[Additional authority for this permit condition is also derived from Operating Permit No. 67-02014A]

The permittee shall submit to the Department a semi-annual report covering the previous six (6) months of wood casket manufacturing operations according to the following schedule:

(a) The semi-annual reporting periods shall be defined as January 1 to June 30 and July 1 to December 31.

(b) The semi-annual reports shall be submitted within 30 calendar days of the end of each subsequent 6-month reporting period.

**SECTION E. Source Group Restrictions.**

(c) Each semi-annual report shall include the following:

- (1) Information required by Conditions #003(b) and #003(c), above
- (2) A statement of whether the permittee was in compliance or non-compliance
- (3) If the permittee was in non-compliance, the measures taken to bring the permittee into compliance.

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §129.91]****Control of major sources of NOx and VOCs**

[Additional authority for this permit condition is also derived from Operating Permit No. 67-02014A]

(a) The permittee shall:

(1) Maintain a written work practice implementation plan that defines work practices for each wood casket manufacturing operation and addresses the provisions in parts (b)-(j) of this permit condition. The permittee shall comply with the work practice implementation plan.

(2) Make available the written work practice implementation plan for inspection by the Department upon its request. If the Department determines that the work practice implementation plan does not adequately address the criteria specified in parts (b)-(j) of this permit condition, then the Department may require the permittee to modify the plan.

(b) The permittee shall implement an operator training program to be completed by new and existing personnel, including contract personnel, who are involved in coating, cleaning or wash-off operations or implementation of the requirements of this permit condition and Conditions #001, #002, #003, #004, #006 and #008 of Section E (Group G005C).

(1) New personnel shall complete the operator training program upon hiring.

(2) All personnel shall be given refresher operator training annually.

(3) A copy of the written operator training program shall be maintained with the work practice implementation plan. The operator training program shall include the following:

(i) A list of all current personnel by name and job description that are required to be trained.

(ii) An outline of the subjects to be covered in the initial and annual refresher training sessions for each position or group of personnel.

(iii) Lesson plans for courses to be given at the initial and annual refresher training sessions that include, at a minimum, appropriate application techniques, appropriate cleaning and wash-off procedures, appropriate equipment setup, and adjustment to minimize coating usage and overspray and appropriate management of cleanup wastes.

(iv) A description of the methods to be used at the completion of the initial or annual refresher training sessions to demonstrate and document successful completion.

(v) A record of the date each employee is trained (initial and annual refresher training sessions).

(c) The permittee shall maintain (with the work practice implementation plan) a written leak inspection and maintenance plan that includes the following:

(1) A minimum visual inspection frequency of once per month for all equipment used to transfer or apply coatings or solvents.

(2) An inspection schedule.

(3) The methods for documenting the date and results of each inspection and any repairs that were made.

(4) The time frame between identifying a leak and making the repair, which shall adhere to the following schedule:

**SECTION E. Source Group Restrictions.**

- (i) A first attempt at repairs, including tightening of packing glands, shall be made within five (5) working days after the leak is detected.
- (ii) Final repairs shall be made within fifteen (15) working days, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within three (3) months.
- (d) The permittee shall develop a solvent accounting form to account for solvents used in cleaning and wash-off operations. The information recorded on the form shall include the following:
- (1) The total number of pieces processed through wash-off operations each month and the reason for the wash-off operations.
- (2) The name and total quantity of each solvent used each month for:
- (i) Cleaning activities.
- (ii) Wash-off operations.
- (3) The name and total quantity of each solvent evaporated to the atmosphere each month from:
- (i) Cleaning activities.
- (ii) Wash-off operations.
- (e) The permittee may not use compounds containing more than 8.0% (by weight) of VOC for cleaning spray paint booth components other than conveyors or metal filters, unless the spray paint booth is being refurbished. If the spray paint booth is being refurbished, that is, the spray paint booth coating or other material used to cover the booth is being replaced, the permittee shall use no more than 1.0 gallon of solvent to prepare the booth prior to applying the booth coating.
- (f) The permittee shall use normally closed containers for storing coating, cleaning and wash-off materials.
- (g) The permittee shall not use conventional air spray guns to apply coatings except under any of the following circumstances:
- (1) To apply coatings that have a VOC content no greater than 1.0 pound VOC per pound of coating solids, as applied.
- (2) For touch-up and repair coatings under one of the following circumstances:
- (i) The coatings are applied after completion of the wood casket manufacturing operation.
- (ii) The coatings are applied after the stain and before any other type of coating is applied, and the coatings are applied from a container that has a volume no greater than 2.0 gallons.
- (3) The spray is automated, that is, the spray gun is aimed and triggered automatically (not manually).
- (4) The emissions from the surface coating process are directed to the VOC control system (rotary VOC concentrator and RTO).
- (5) The conventional air spray gun is used to apply coatings and the cumulative total usage of those coatings is no more than 5.0% of the total gallons of coating used during each semi-annual reporting period.
- (6) The conventional air spray gun is used to apply stain on a part for which the Department notifies the permittee, in writing, of its determination that it is technically or economically infeasible to use any other spray application technology. To support the permittee's claim of technical or economic infeasibility, a videotape, a technical report or other documentation shall be submitted to the Department showing either independently or in combination, the following:
- (i) The production speed is too high or the part shape is too complex for one operator to coat the part, and the application station is not large enough to accommodate an additional operator.

**SECTION E. Source Group Restrictions.**

- (ii) The excessively large vertical spray area of the part makes it difficult to avoid sagging or runs in the stain.
- (h) The permittee shall pump or drain any solvent used for line cleaning into a normally closed container.
- (i) The permittee shall collect any solvent used to clean spray guns into a normally closed container.
- (j) The permittee shall control the emissions from wash-off operations by the following:
 - (1) Using normally closed containers for wash-off operations.
 - (2) Minimizing dripping by tilting or rotating the part to drain as much solvent as possible.

VII. ADDITIONAL REQUIREMENTS.**# 008 [25 Pa. Code §129.91]****Control of major sources of NO_x and VOCs**

[Additional authority for this permit condition is also derived from Operating Permit No. 67-02014A]

The permittee shall comply with the more stringent emissions limitation or applicable requirement for wood furniture manufacturing operations contained in 25 Pa. Code Section 129.52 and 25 Pa. Code Sections 129.101 through 129.107.

*** **Permit Shield in Effect.** ***

**SECTION E. Source Group Restrictions.**

Group Name: G005D

Group Description: RACT 3 CASE-BY-CASE

Sources included in this group

ID	Name
200	CUSTOM STAIN SPRAY BOOTH
205	CUSTOM FILLER SPRAY BOOTH
220	ROBOTIC SEALER BOOTH C
225	MANUAL SEALER BOOTH A
230	MANUAL TOPCOAT BOOTH A
240	CUSTOM TOPCOAT SPRAY BOOTH
260	ROBOTIC TOPCOAT BOOTH C
270	WIPING STAIN SPRAY BOOTH
280	FLEX A SPRAY BOOTH
290	FLEX B SPRAY BOOTH
295	SEALER B SPRAY BOOTH
295A	CUSTOM SEALER SPRAY BOOTH

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §129.114]

Alternative RACT proposal and petition for alternative compliance schedule

[Authority for this permit condition is derived from 25 Pa. Code Section 129.114]

The sources in this group shall comply as specified in the following:

I: Sources 220, 225, 230, 240, 260, and 295 shall comply with the following:

a. The permittee shall operate the VOC control system (cartridge collectors IDs C202A and C202B and regenerative thermal

**SECTION E. Source Group Restrictions.**

oxidizers IDs 203A and 203B) at all times that one or more Group G001 spray paint booths are operating. If one or both of the RTOs (IDs 203A or 203B) cannot be operated, the facility shall limit production of the controlled booths so that no controlled booths are vented uncontrolled

b. The permittee shall operate and maintain the VOC control system (cartridge collectors and RTOs) in accordance with the manufacturer's specifications; and in a manner consistent with good operating and maintenance practices.

c. The permittee shall maintain detailed records of all maintenance performed on the VOC control system (Cartridge Collectors IDs C202A and C202B, and RTOs IDs 203A and 203B). The permittee shall retain these records for a minimum of five (5) years and shall make them available to the Department upon its request.

II. The sources in Group G005B [200, 205, 270, 280, 290, 220, 225, 230, 240, 260, 295] of this permit shall comply with the RACT 1 conditions in Group G005B of this permit.

III. The sources in Group G005C [200, 205, 270, 280, 290, 220, 225, 230, 240, 260, 295] of this permit shall comply with the RACT 2 conditions in Group G005C of this permit.

*** **Permit Shield in Effect.** ***

**SECTION E. Source Group Restrictions.**

Group Name: G006

Group Description: BOILERS SUBJECT TO MACT SUBPART JJJJJJ

Sources included in this group

ID	Name
032	BOILER 2 (YORK-SHIPLEY)
033	BOILER 3 (SAXTON)

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.1]****Subpart A--General Provisions****Applicability.**

The Group G006 boilers are subject to 40 CFR Part 63, Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources. The permittee shall comply with all applicable standards, compliance provisions, performance test, monitoring, recordkeeping, and reporting requirements contained at 40 CFR §§63.11193 through 63.11237, including all applicable portions of 40 CFR Part 63, Subpart A - General Provisions. The permittee shall comply with 40 CFR §63.13(a), which requires submission of copies of all requests, reports, applications, submittals, and other communications to both the U.S. Environmental Protection Agency (U.S. EPA) and the Department. The U.S. EPA copies shall be forwarded to:

United States Environmental Protection Agency
Region III, Air and Radiation Division
Permits Branch (3AD10)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103-2852

The Department copies shall be forwarded to:

Regional Air Program Manager

**SECTION E. Source Group Restrictions.**

William Weaver
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In the event that 40 CFR Part 63, Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources (MACT Subpart JJJJJJ) is revised by U.S. EPA, the permittee shall comply with the revised version of MACT Subpart JJJJJJ, and shall not be required to comply with any provisions in this operating permit designated as having MACT Subpart JJJJJJ as their authority, to the extent that such operating permit provisions would be inconsistent with the applicable provisions of the revised MACT Subpart JJJJJJ.

002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11193]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****Am I subject to this subpart?**

You are subject to 40 CFR Part 63, Subpart JJJJJJ, if you own or operate an industrial, commercial, or institutional boiler as defined in 40 CFR §63.11237 that is located at, or is part of, an area source of hazardous air pollutants (HAPs), as defined in 40 CFR §63.2, except as specified in 40 CFR §63.11195.

[NOTE: 40 CFR §63.2 defines an area source as any stationary source or group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit considering controls, in the aggregate, less than 10 tons per year or more of any HAP and less than 25 tons per year or more of any combination of HAPs]

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11194]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What is the affected source of this subpart?**

(a) 40 CFR Part 63, Subpart JJJJJJ, applies to each new, reconstructed, or existing affected source as defined in 40 CFR §63.11194(a)(1) and (2), below.

(1) The affected source is the collection of all existing industrial, commercial, and institutional boilers within a subcategory, as listed in 40 CFR §63.11200 and defined in 40 CFR §63.11237, located at an area source.

(2) [N/A - THE GROUP G006 BOILERS ARE DEFINED AS EXISTING AFFECTED SOURCES PURSUANT TO 40 CFR §63.11194(b), BELOW]

(b) An affected source is an existing source if you commenced construction or reconstruction of the affected source on or before June 4, 2010.

(c) [N/A - THE GROUP G006 BOILERS WERE CONSTRUCTED ON OR BEFORE JUNE 4, 2010 AND, THUS, ARE DEFINED AS EXISTING SOURCES]

(d) An affected source is a reconstructed source if the boiler meets the reconstruction criteria as defined in 40 CFR §63.2, you commenced reconstruction after June 4, 2010, and the boiler meets the applicability criteria at the time you commence reconstruction. [NOTE: THE GROUP G006 BOILERS ARE CURRENTLY NOT DEFINED AS RECONSTRUCTED SOURCES]

(e) [N/A - NEITHER GROUP G006 BOILER IS A DUAL FUEL-FIRED BOILER MEETING THE DEFINITION OF "GAS-FIRED BOILER" AS DEFINED IN 40 CFR §63.11237]

(f) If you are an owner or operator of an area source subject to 40 CFR Part 63, Subpart JJJJJJ, you are exempt from the obligation to obtain a permit under 40 CFR Part 70 or Part 71 as a result of 40 CFR Part 63, Subpart JJJJJJ. You may, however, be required to obtain a Title V permit due to another reason or reasons. See 40 CFR §70.3(a) and (b) or 40 CFR §71.3(a) and (b). Notwithstanding the exemption from Title V permitting for area sources under 40 CFR Part 63, Subpart JJJJJJ, you must continue to comply with the provisions of 40 CFR Part 63, Subpart JJJJJJ. [NOTE: THE FACILITY CURRENTLY POSSESSES TITLE V O.P. NO. 67-05014]

[76 FR 15591, Mar. 21, 2011, as amended at 78 FR 7506, Feb. 1, 2013]

**SECTION E. Source Group Restrictions.****# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11196]****Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my compliance dates?**

(a) If you own or operate an existing affected boiler, you must achieve compliance with the applicable provisions in 40 CFR Part 63, Subpart JJJJJJ, as specified in 40 CFR §63.11196(a)(1) through (3), below.

(1) If the existing affected boiler is subject to a work practice or management practice standard of a tune-up, you must achieve compliance with the work practice or management practice standard no later than March 21, 2014.

(2) [N/A - THE GROUP G006 BOILERS DO NOT HAVE ANY APPLICABLE TABLE 1 EMISSION LIMITS]

(3) If the existing affected boiler is subject to the energy assessment requirement, you must achieve compliance with the energy assessment requirement no later than March 21, 2014. [NOTE: ONLY THE SOURCE ID 033 BOILER IS SUBJECT TO THIS ENERGY ASSESSMENT REQUIREMENT]

(b) [N/A - THE GROUP G006 BOILERS ARE DEFINED AS EXISTING AFFECTED SOURCES]

(c) [N/A - THE GROUP G006 BOILERS ARE DEFINED AS EXISTING AFFECTED SOURCES]

(d) [N/A - THE GROUP G006 BOILERS ARE NOT COMMERCIAL OR INDUSTRIAL SOLID WASTE INCINERATION UNITS]

[76 FR 15591, Mar. 21, 2011, as amended at 78 FR 7506, Feb. 1, 2013]

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11200]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are the subcategories of boilers?**

The subcategories of boilers, as defined in 40 CFR §63.11237 are:

(a) Coal.

(b) Biomass. [NOTE: EACH GROUP G006 BOILER SATISFIES THE DEFINITION OF A BIOMASS BOILER CONTAINED AT 40 CFR §63.11237]

(c) Oil.

(d) Seasonal boilers.

(e) Oil-fired boilers with heat input capacity of equal to or less than 5 million British thermal units (BTU) per hour.

(f) Boilers with an oxygen trim system that maintains an optimum air-to-fuel ratio that would otherwise be subject to a biennial tune-up.

(g) Limited-use boilers.

[78 FR 7506, Feb. 1, 2013]

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11201]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What standards must I meet?**

(a) [N/A - THE GROUP G006 BOILERS DO NOT HAVE ANY APPLICABLE TABLE 1 EMISSION LIMITS]

(b) You must comply with each work practice standard, emission reduction measure, and management practice specified in Table 2 to 40 CFR Part 63, Subpart JJJJJJ, that applies to your boiler. An energy assessment completed on or after January 1, 2008 that meets or is amended to meet the energy assessment requirements in Table 2 to 40 CFR Part 63,

**SECTION E. Source Group Restrictions.**

Subpart JJJJJJ, satisfies the energy assessment requirement. A facility that operates under an energy management program established through energy management systems compatible with ISO 50001, that includes the affected units, also satisfies the energy assessment requirement. [NOTE: ONLY THE SOURCE ID 033 BOILER IS SUBJECT TO THE ENERGY ASSESSMENT REQUIREMENT; THE SOURCE ID 032 BOILER HAS A HEAT INPUT CAPACITY OF LESS THAN 10 MILLION BTU PER HOUR]

(c) [N/A - THE GROUP G006 BOILERS ARE NOT SUBJECT TO ANY OPERATING LIMITS]

(d) These standards apply at all times the affected boiler is operating, except during periods of startup and shutdown as defined in 40 CFR §63.11237, during which time you must comply only with Table 2 to 40 CFR Part 63, Subpart JJJJJJ.

[76 FR 15591, Mar. 21, 2011, as amended at 78 FR 7506, Feb. 1, 2013]

Table 2 of 40 CFR Part 63, Subpart JJJJJJ - Work Practice Standards, Emission Reduction Measures, and Management Practices

As stated in 40 CFR §63.11201, above, you must comply with the following applicable work practice standards, emission reduction measures, and management practices:

Subcategory 6 (Existing biomass-fired boilers that do not meet the definition of seasonal boiler or limited-use boiler, or use an oxygen trim system that maintains an optimum air-to-fuel ratio): You must conduct an initial tune-up as specified in 40 CFR §63.11214, and conduct a tune-up of the boiler biennially as specified in 40 CFR §63.11223. [NOTE: THIS IS APPLICABLE TO BOTH GROUP G006 BOILERS]

Subcategory 16 (Existing coal-fired, biomass-fired, or oil-fired boilers (units with heat input capacity of 10 mmBTU/hr and greater), not including limited-use boilers): You must have a one-time energy assessment performed by a qualified energy assessor. An energy assessment completed on or after January 1, 2008, that meets or is amended to meet the energy assessment requirements in this table (Table 2 of 40 CFR Part 63, Subpart JJJJJJ), below, satisfies the energy assessment requirement. Energy assessor approval and qualification requirements are waived in instances where past or amended energy assessments are used to meet the energy assessment requirements. A facility that operated under an energy management program developed according to the ENERGY STAR guidelines for energy management or compatible with ISO 50001 for at least 1 year between January 1, 2008, and the compliance date specified in 40 CFR §63.11196 that includes the affected units also satisfies the energy assessment requirement. The energy assessment must include the following with extent of the evaluation for items (1) to (4) appropriate for the on-site technical hours listed in 40 CFR §63.11237:

- (1) A visual inspection of the boiler system,
- (2) An evaluation of operating characteristics of the affected boiler systems, specifications of energy use systems, operating and maintenance procedures, and unusual operating constraints,
- (3) An inventory of major energy use systems consuming energy from affected boiler(s) and which are under control of the boiler owner or operator,
- (4) A review of available architectural and engineering plans, facility operation and maintenance procedures and logs, and fuel usage,
- (5) A list of major energy conservation measures that are within the facility's control,
- (6) A list of the energy savings potential of the energy conservation measures identified, and
- (7) A comprehensive report detailing the ways to improve efficiency, the cost of specific improvements, benefits, and the time frame for recouping those investments.

[NOTE: SUBCATEGORY 16 IS APPLICABLE TO ONLY THE SOURCE ID 033 BOILER]

[78 FR 7518, Feb. 1, 2013, as amended at 81 FR 63129, Sept. 14, 2016]

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11205]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

What are my general requirements for complying with this subpart?

**SECTION E. Source Group Restrictions.**

(a) At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

(b) [N/A - THE GROUP G006 BOILERS DO NOT HAVE AN APPLICABLE TABLE 1 EMISSION LIMITS]

(c) [N/A - THE GROUP G006 BOILERS DO NOT HAVE ANY APPLICABLE TABLE 1 EMISSION LIMITS]

[76 FR 15591, Mar. 21, 2011, as amended at 78 FR 7506, Feb. 1, 2013]

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11210]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my initial compliance requirements and by what date must I conduct them?**

(a) [N/A - THE GROUP G006 BOILERS DO NOT HAVE ANY APPLICABLE TABLE 1 EMISSION LIMITS]

(b) [N/A - THE GROUP G006 BOILERS DO NOT HAVE ANY APPLICABLE TABLE 1 EMISSION LIMITS]

(c) For existing affected boilers that have applicable work practice standards, management practices, or emission reduction measures, you must demonstrate initial compliance no later than the compliance date that is specified in 40 CFR §63.11196 and according to the applicable provisions in 40 CFR §63.7(a)(2), except as provided in 40 CFR §63.11210(j), below.

(d) [N/A - THE GROUP G006 BOILERS DO NOT HAVE ANY APPLICABLE TABLE 1 EMISSION LIMITS; AND THE GROUP G006 BOILERS ARE DEFINED AS EXISTING AFFECTED SOURCES]

(e) [N/A - THE GROUP G006 BOILERS DO NOT HAVE ANY APPLICABLE TABLE 1 PM EMISSION LIMIT; AND THE GROUP G006 BOILERS ARE DEFINED AS EXISTING AFFECTED SOURCES]

(f) [N/A - THE GROUP G006 BOILERS DO NOT HAVE ANY APPLICABLE TABLE 1 PM EMISSION LIMIT; AND THE GROUP G006 BOILERS ARE DEFINED AS EXISTING AFFECTED SOURCES]

(g) [N/A - THE GROUP G006 BOILERS ARE DEFINED AS EXISTING AFFECTED SOURCES]

(h) [N/A - THE GROUP G006 BOILERS ARE NOT COMMERCIAL AND INDUSTRIAL SOLID WASTE INCINERATION UNITS]

(i) For affected boilers that switch fuels or make a physical change to the boiler that results in the applicability of a different subcategory within 40 CFR Part 63, Subpart JJJJJJ, or the boiler becoming subject to 40 CFR Part 63, Subpart JJJJJJ, you must demonstrate compliance within 180 days of the effective date of the fuel switch or the physical change. Notification of such changes must be submitted according to 40 CFR §63.11225(g).

(j) [N/A - THE FACILITY IS AN AREA SOURCE OF HAPs]

(k) [N/A - THE GROUP G006 BOILERS OPERATED BETWEEN THE EFFECTIVE DATE OF MACT SUBPART JJJJJJ (i.e., 3/21/11) AND THE COMPLIANCE DATE SPECIFIED IN 40 CFR §63.11196 (i.e., 3/21/14)]

[76 FR 15591, Mar. 21, 2011, as amended at 78 FR 7507, Feb. 1, 2013; 81 FR 63125, Sept. 14, 2016]

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11214]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****How do I demonstrate initial compliance with the work practice standard, emission reduction measures, and management practice?**

(a) [N/A - THE GROUP G006 BOILERS ARE NOT COAL-FIRED]

**SECTION E. Source Group Restrictions.**

(b) If you own or operate an existing or new biomass-fired boiler or an existing or new oil-fired boiler, you must conduct a performance tune-up according to 40 CFR §63.11210(c) or (g), as applicable, and 40 CFR §63.11223(b). If you own or operate an existing biomass-fired boiler or existing oil-fired boiler, you must submit a signed statement in the Notification of Compliance Status report that indicates that you conducted an initial tune-up of the boiler. [NOTE: AN INITIAL PERFORMANCE TUNE-UP OF SOURCE IDs 032 AND 033 WAS CONDUCTED ON 1/29/16 AND 1/12/16, RESPECTIVELY]

(c) If you own or operate an existing affected boiler with a heat input capacity of 10 million BTU per hour or greater, you must submit a signed certification in the Notification of Compliance Status report that an energy assessment of the boiler and its energy use systems was completed according to Table 2 to 40 CFR Part 63, Subpart JJJJJJ, and that the assessment is an accurate depiction of your facility at the time of the assessment or that the maximum number of on-site technical hours specified in the definition of energy assessment applicable to the facility has been expended. [NOTE: ONLY THE SOURCE ID 033 BOILER IS SUBJECT TO THE ENERGY ASSESSMENT REQUIREMENT; THE SOURCE ID 032 BOILER HAS A HEAT INPUT CAPACITY OF LESS THAN 10 MILLION BTU PER HOUR; A ONE-TIME ENERGY ASSESSMENT OF SOURCE ID 033 WAS CONDUCTED ON 10/29/15]

(d) [N/A - THE GROUP G006 BOILERS HAVE NO APPLICABLE TABLE 1 EMISSION LIMITS]

[76 FR 15591, Mar. 21, 2011, as amended at 78 FR 7508, Feb. 1, 2013; 81 FR 63126, Sept. 14, 2016]

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11223]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

How do I demonstrate continuous compliance with the work practice and management practice standards?

(a) For affected sources subject to the work practice standard or the management practices of a tune-up, you must conduct a performance tune-up according to 40 CFR §63.11223(b), below, and keep records as required in 40 CFR §63.11225(c) to demonstrate continuous compliance. You must conduct the tune-up while burning the type of fuel (or fuels in the case of boilers that routinely burn two types of fuels at the same time) that provided the majority of the heat input to the boiler over the 12 months prior to the tune-up.

(b) Except as specified in 40 CFR §63.11223(c) through (f), below, you must conduct a tune-up of the boiler biennially to demonstrate continuous compliance as specified in 40 CFR §63.11223(b)(1) through (7), below. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up. For a new or reconstructed boiler, the first biennial tune-up must be no later than 25 months after the initial startup of the new or reconstructed boiler.

(1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection.

(2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.

(3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection.

(4) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide (NOx) requirement to which the unit is subject.

(5) Measure the concentrations in the effluent stream of CO in parts per million, by volume (ppmv), and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.

(6) Maintain on-site and submit, if requested by the Administrator, a report containing the information in 40 CFR §63.11223(b)(6)(i) through (iii), below.

**SECTION E. Source Group Restrictions.**

- (i) The concentrations of CO in the effluent stream in parts per million, by volume (ppmv), and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler.
- (ii) A description of any corrective actions taken as a part of the tune-up of the boiler.
- (iii) The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.
- (7) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.
- (c) [N/A - THE GROUP G006 BOILERS DO NOT EMPLOY AN OXYGEN TRIM SYSTEM]
- (d) [N/A - THE GROUP G006 BOILERS ARE NOT DEFINED AS SEASONAL BOILERS]
- (e) [N/A - THE GROUP G006 BOILERS HAVE A HEAT INPUT CAPACITY OF GREATER THAN 5 MILLION BTU PER HOUR]
- (f) [N/A - THE GROUP G006 BOILERS ARE NOT DEFINED AS LIMITED-USE BOILERS]
- (g) [N/A - THE GROUP G006 BOILERS HAVE NO APPLICABLE TABLE 1 EMISSION LIMITS]

[76 FR 15591, Mar. 21, 2011, as amended at 78 FR 7509, Feb. 1, 2013; 81 FR 63127, Sept. 14, 2016]

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11225]**Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources****What are my notification, reporting, and recordkeeping requirements?**

- (a) You must submit the notifications specified in 40 CFR §63.11225(a)(1) through (5), below, to the Administrator.
 - (1) You must submit all of the notifications in 40 CFR §§63.7(b); 63.8(e) and (f); and 63.9(b) through (e), (g), and (h) that apply to you by the dates specified in those sections except as specified in 40 CFR §63.11225(a)(2) and (4), below.
 - (2) An Initial Notification must be submitted no later than January 20, 2014 or within 120 days after the source becomes subject to the standard. [NOTE: THE INITIAL NOTIFICATION WAS RECEIVED BY THE DEPARTMENT ON 12/24/15]
 - (3) [N/A - BOILER PERFORMANCE (STACK) TESTS ARE NOT REQUIRED]
 - (4) You must submit the Notification of Compliance Status no later than 120 days after the applicable compliance date specified in 40 CFR §63.11196 unless you own or operate a new boiler subject only to a requirement to conduct a biennial or 5-year tune-up or you must conduct a performance stack test. If you own or operate a new boiler subject to a requirement to conduct a tune-up, you are not required to prepare and submit a Notification of Compliance Status for the tune-up. If you must conduct a performance stack test, you must submit the Notification of Compliance Status within 60 days of completing the performance stack test. You must submit the Notification of Compliance Status in accordance with 40 CFR §63.11225(a)(4)(i) and (vi), below. The Notification of Compliance Status must include the information and certification(s) of compliance in 40 CFR §63.11225(a)(4)(i) through (v), below, as applicable, and signed by a responsible official.
 - (i) You must submit the information required in 40 CFR §63.9(h)(2), except the information listed in 40 CFR §63.9(h)(2)(i)(B), (D), (E), and (F). If you conduct any performance tests or CMS performance evaluations, you must submit that data as specified in 40 CFR §63.11225(e), below. If you conduct any opacity or visible emission observations, or other monitoring procedures or methods, you must submit that data to the Administrator at the appropriate address listed in 40 CFR §63.13.
 - (ii) "This facility complies with the requirements in 40 CFR §63.11214 to conduct an initial tune-up of the boiler."
 - (iii) "This facility has had an energy assessment performed according to §63.11214(c)." [NOTE: THIS IS ONLY APPLICABLE FOR THE SOURCE ID 033 BOILER]

**SECTION E. Source Group Restrictions.**

(iv) [N/A - THE GROUP G006 BOILERS DO NOT EMPLOY BAG LEAK DETECTION SYSTEMS]

(v) For units that do not qualify for a statutory exemption as provided in Section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(vi) The notification must be submitted electronically using the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to 40 CFR Part 63, Subpart JJJJJJ, is not available in CEDRI at the time that the report is due, the written Notification of Compliance Status must be submitted to the Administrator at the appropriate address listed in 40 CFR §63.13.

(5) [N/A - THE GROUP G006 BOILERS HAVE NO APPLICABLE TABLE 1 EMISSION LIMITS OR TABLE 3 OPERATING LIMITS]

[NOTE: THE NOTIFICATION OF COMPLIANCE STATUS WAS RECEIVED BY THE DEPARTMENT ON 3/02/16]

(b) You must prepare, by March 1 of each year, and submit to the delegated authority upon request, an annual compliance certification report for the previous calendar year containing the information specified in 40 CFR §63.11225(b)(1) through (4), below. You must submit the report by March 15 if you had any instance described by 40 CFR §63.11225(b)(3), below. For boilers that are subject only to the energy assessment requirement and/or a requirement to conduct a biennial or 5-year tune-up according to 40 CFR §63.11223(a) and not subject to emission limits or operating limits, you may prepare only a biennial or 5-year compliance report as specified in 40 CFR §63.11225(b)(1) and (2), below.

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of 40 CFR Part 63, Subpart JJJJJJ. Your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in 40 CFR §63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler."

(ii) For units that do not qualify for a statutory exemption as provided in Section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(iii) [N/A - THE GROUP G006 BOILERS ARE NOT SUBJECT TO THE REQUIREMENTS OF 40 CFR §§63.11214(d) AND 63.11223(g)]

(3) [N/A - PURSUANT TO 40 CFR §63.11225(b), ABOVE, THE PERMITTEE MAY PREPARE ONLY A BIENNIAL COMPLIANCE REPORT AS SPECIFIED IN 40 CFR §63.11225(b)(1) and (2), ABOVE, SINCE THE GROUP G006 BOILERS ARE NOT SUBJECT TO EMISSION LIMITS OR OPERATING LIMITS]

(4) [N/A - THE GROUP G006 BOILERS HAVE NO APPLICABLE TABLE 1 EMISSION LIMITS]

(c) You must maintain the records specified in 40 CFR §63.11225(c)(1) through (7), below.

(1) As required in 40 CFR §63.10(b)(2)(xiv), you must keep a copy of each notification and report that you submitted to comply with 40 CFR Part 63, Subpart JJJJJJ, and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted.

(2) You must keep records to document conformance with the work practices, emission reduction measures, and management practices required by 40 CFR §§63.11214 and 63.11223 as specified in 40 CFR §63.11225(c)(2)(i) through (vi), below.

(i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.

**SECTION E. Source Group Restrictions.**

(ii) [N/A - THE GROUP G006 BOILERS DO NOT COMBUST ANY NON-HAZARDOUS SECONDARY MATERIALS THAT HAVE BEEN DETERMINED NOT TO BE SOLID WASTE PURSUANT TO 40 CFR §241.3(b)(1)]

(iii) For each boiler required to conduct an energy assessment, you must keep a copy of the energy assessment report. [NOTE: THIS IS ONLY APPLICABLE FOR THE SOURCE ID 033 BOILER]

(iv) [N/A - THE GROUP G006 BOILERS HAVE NO APPLICABLE TABLE 1 EMISSION LIMITS]

(v) [N/A - THE GROUP G006 BOILERS ARE NOT DEFINED AS SEASONAL BOILERS]

(vi) [N/A - THE GROUP G006 BOILERS ARE NOT DEFINED AS LIMITED-USE BOILERS]

(3) [N/A - THE GROUP G006 BOILERS HAVE NO APPLICABLE TABLE 1 MERCURY EMISSION LIMITS]

(4) Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in 40 CFR §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

(6) [N/A - THE GROUP G006 BOILERS ARE NOT SUBJECT TO EITHER 40 CFR §§63.11221 OR 40 CFR §63.11222]

(7) [N/A - THE GROUP G006 BOILERS DO NOT EMPLOY BAG LEAK DETECTION SYSTEMS]

(d) Your records must be in a form suitable and readily available for expeditious review. You must keep each record for 5 years following the date of each recorded action. You must keep each record on-site or be accessible from a central location by computer or other means that instantly provide access at the site for at least 2 years after the date of each recorded action. You may keep the records off site for the remaining 3 years.

(e) [N/A - BOILER PERFORMANCE (STACK) TESTS AND ANY ASSOCIATED FUEL ANALYSES ARE NOT REQUIRED; ALSO, THE BOILERS ARE NOT EQUIPPED WITH CEMS]

(f) [N/A - THE GROUP G006 BOILERS ARE NOT PERMITTED TO COMBUST SOLID WASTE; ONLY NO. 2 FUEL OIL (SOURCE ID 031) AND BIOMASS (SOURCE ID 032) COMBUSTION IS PERMITTED]

(g) If you have switched fuels or made a physical change to the boiler and the fuel switch or change resulted in the applicability of a different subcategory within 40 CFR Part 63, Subpart JJJJJJ, in the boiler becoming subject to 40 CFR Subpart JJJJJJ, or in the boiler switching out of 40 CFR Subpart JJJJJJ, due to a fuel change that results in the boiler meeting the definition of gas-fired boiler, as defined in 40 CFR §63.11237, or you have taken a permit limit that resulted in your becoming subject to 40 CFR Subpart JJJJJJ, or no longer being subject to 40 CFR Part 63, Subpart JJJJJJ, you must provide notice of the date upon which you switched fuels, made the physical change, or took a permit limit within 30 days of the change. The notification must identify:

(1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that have switched fuels, were physically changed, or took a permit limit, and the date of the notice.

(2) The date upon which the fuel switch, physical change, or permit limit occurred.

[76 FR 15591, Mar. 21, 2011, as amended at 78 FR 7511, Feb. 1, 2013; 81 FR 63127, Sept. 14, 2016]

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11235]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

What parts of the General Provisions apply to me?

Table 8 to 40 CFR Part 63, Subpart JJJJJJ shows which parts of the General Provisions in 40 CFR §§63.1 through 63.15 apply to you.

**SECTION E. Source Group Restrictions.**

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11237]

Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources

What definitions apply to this subpart?

Terms used in 40 CFR Part 63, Subpart JJJJJJ - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources, as well as Section E, Group G006, are defined in the Clean Air Act; in 40 CFR §63.2 (General Provisions); and in this operating permit condition.

[76 FR 15591, Mar. 21, 2011, as amended at 78 FR 7513, Feb. 1, 2013; 81 FR 61328, Sept. 14, 2016]

***** Permit Shield in Effect. *****

**SECTION E. Source Group Restrictions.**

Group Name: G009

Group Description: ENGINE SUBJECT TO MACT SUBPART IIII

Sources included in this group

ID	Name
502	EMERGENCY FIRE PUMP ENGINE

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

**# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]
Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Am I subject to this subpart?**

Emergency fire pump, diesel, > 100 hp, <30 L displacement.

§60.4200 Am I subject to this subpart?

(a) The provisions of this subpart are applicable to manufacturers, owners, and operators of stationary compression ignition (CI) internal combustion engines (ICE) and other persons as specified in paragraphs (a)(1) through (4) of this section. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator.

(1) [NA - NOT AN ENGINE MANUFACTURER]

(2) Owners and operators of stationary CI ICE that commence construction after July 11, 2005, where the stationary CI ICE are:

(i) [NA- FIRE PUMP]

(ii) Manufactured as a certified National Fire Protection Association (NFPA) fire pump engine after July 1, 2006.

**SECTION E. Source Group Restrictions.**

(3) [NA - NOT MODIFIED OR RECONSTRUCTED]

(4) The provisions of §60.4208 of this subpart are applicable to all owners and operators of stationary CI ICE that commence construction after July 11, 2005.

(b) [NA – TEST CELL NOT INVOLVED]

(c) If you are an owner or operator of an area source subject to this subpart, you are exempt from the obligation to obtain a permit under 40 CFR part 70 or 40 CFR part 71, provided you are not required to obtain a permit under 40 CFR 70.3(a) or 40 CFR 71.3(a) for a reason other than your status as an area source under this subpart. Notwithstanding the previous sentence, you must continue to comply with the provisions of this subpart applicable to area sources.

(d) Stationary CI ICE may be eligible for exemption from the requirements of this subpart as described in 40 CFR part 1068, subpart C except that owners and operators, as well as manufacturers, may be eligible to request an exemption for national security.

(e) [NA – NOT TEMPORARY REPLACEMENT UNIT(S)]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37967, June 28, 2011; 86 FR 34357, June 29, 2021]

EMISSION STANDARDS FOR MANUFACTURERS

§ 60.4204 [NA – UNIT(S) ARE EMERGENCY]

§60.4202- §60.4203 [NA - NOT AN ENGINE MANUFACTURER]

EMISSION STANDARDS FOR OWNERS AND OPERATORS

§§ 60.4204 [NA – UNIT(S) ARE EMERGENCY]

§60.4205 What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal combustion engine?

(a) [NA - ENGINE(S) ARE 2007 MODEL YEAR OR LATER]

(b) [NA- FIRE PUMP]

(c) Owners and operators of fire pump engines with a displacement of less than 30 liters per cylinder must comply with the emission standards in table 4 to this subpart, for all pollutants.

[TABLE 4 requirements

Maximum engine power 75=KW<130 (100=HP<175)

Model year(s) 2010 +

NMHC + NOX 4.0 (3.0); CO 5.0 (3.7); PM 0.30 (0.22)

END TABLE 4 REQUIREMENTS]

(d) [NA- < 30L DISPLACEMENT]

(e) Owners and operators of emergency stationary CI ICE with a displacement of less than 30 liters per cylinder who conduct performance tests in-use must meet the NTE standards as indicated in §60.4212.

(f) [NA- NOT MODIFIED OR RECONSTRUCTED]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37969, June 28, 2011; 86 FR 34358, June 29, 2021]

**SECTION E. Source Group Restrictions.**

§60.4206 How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine?

Owners and operators of stationary CI ICE must operate and maintain stationary CI ICE that achieve the emission standards as required in §§60.4204 and 60.4205 over the entire life of the engine.

FUEL REQUIREMENTS FOR OWNERS AND OPERATORS

§60.4207 What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to this subpart?

(a) [RESERVED]

(b) Beginning October 1, 2010, owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 1090.305 for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted.

(c) [Reserved]

(d) [NA- < 30L DISPLACEMENT]

(e) [NA- NO NATIONAL SECURITY EXEMPTION]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37969, June 28, 2011; 78 FR 6695, Jan. 30, 2013; 85 FR 78463, Dec. 4, 2020]

OTHER REQUIREMENTS FOR OWNERS AND OPERATORS

§60.4208 What is the deadline for importing or installing stationary CI ICE produced in previous model years?

(a) [NA- FIRE PUMP]

(b) [NA- FIRE PUMP]

(c)-(g) [NA- UNIT(S) ARE EMERGENCY]

(h) In addition to the requirements specified in §§60.4201, 60.4202, 60.4204, and 60.4205, it is prohibited to import stationary CI ICE with a displacement of less than 30 liters per cylinder that do not meet the applicable requirements specified in paragraphs (a) through (g) of this section after the dates specified in paragraphs (a) through (g) of this section.

(i) The requirements of this section do not apply to owners or operators of stationary CI ICE that have been modified, reconstructed, and do not apply to engines that were removed from one existing location and reinstalled at a new location.

§60.4209 What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?

If you are an owner or operator, you must meet the monitoring requirements of this section. In addition, you must also meet the monitoring requirements specified in §60.4211.

(a) If you are an owner or operator of an emergency stationary CI internal combustion engine that does not meet the standards applicable to non-emergency engines, you must install a non-resettable hour meter prior to startup of the engine.

(b) [NA - NO DIESEL PARTICULATE FILTERS]

COMPLIANCE REQUIREMENTS

§60.4210 [NA-NOT ENGINE MANUFACTURER]

**SECTION E. Source Group Restrictions.**

§60.4211 What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

(a) If you are an owner or operator and must comply with the emission standards specified in this subpart, you must do all of the following, except as permitted under paragraph (g) of this section:

(1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;

(2) Change only those emission-related settings that are permitted by the manufacturer; and

(3) Meet the requirements of 40 CFR part 1068, as they apply to you.

(b) [NA - ENGINE(S) MANUFACTURED AFTER 2007]

(c) If you are an owner or operator of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in §60.4204(b) or §60.4205(b), or if you are an owner or operator of a CI fire pump engine that is manufactured during or after the model year that applies to your fire pump engine power rating in table 3 to this subpart and must comply with the emission standards specified in §60.4205(c), you must comply by purchasing an engine certified to the emission standards in §60.4204(b), or §60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in paragraph (g) of this section.

[ENGINE IS CERTIFIED TO STANDARDS MEETING APPLICABLE TABLE 4 EMISSION LIMITS]

(d) [NA-COMPLIANCE DEMONSTRATION NOT REQUIRED, EMERGENCY ENGINE WITH DISPLACEMENT OF <30L PER CYLINDER]

(e) [NA - NOT MODIFIED/RECONSTRUCTED]

(f) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (f)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3), is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (3), the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

(1) There is no time limit on the use of emergency stationary ICE in emergency situations.

(2) You may operate your emergency stationary ICE for the purpose specified in paragraph (f)(2)(i) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

(ii)-(iii) [RESERVED]

(3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in paragraph (f)(2) of this section. Except as provided in paragraph (f)(3)(i) of this section, the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

**SECTION E. Source Group Restrictions.**

(i) [NA - WILL NOT BE USED TO SUPPLY POWER AS PART OF FINANCIAL ARRANGEMENT]

(ii) [Reserved]

(g) If you do not install, configure, operate, and maintain your engine and control device according to the manufacturer's emission-related written instructions, or you change emission-related settings in a way that is not permitted by the manufacturer, you must demonstrate compliance as follows:

(1) [NA - ENGINE(S) GREATER THAN 100 HP]

(2) If you are an owner or operator of a stationary CI internal combustion engine greater than or equal to 100 HP and less than or equal to 500 HP, you must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after you change emission-related settings in a way that is not permitted by the manufacturer.

(3) [NA - ENGINE(S) LESS THAN 500 HP]

(h) The requirements for operators and prohibited acts specified in 40 CFR 1039.665 apply to owners or operators of stationary CI ICE equipped with AECDs for qualified emergency situations as allowed by 40 CFR 1039.665.

[71 FR 39172, July 11, 2006, as amended at 76 FR 37970, June 28, 2011; 78 FR 6695, Jan. 30, 2013; 81 FR 44219, July 7, 2016; 86 FR 34359, June 29, 2021; 87 FR 48605, Aug. 10, 2022]

TESTING REQUIREMENTS FOR OWNERS AND OPERATORS

§60.4212 [NA – TESTING NOT REQUIRED FOR CERTIFIED UNITS WHICH ARE NOT ALTERED PER 60.4211(g)]

§60.4213 [NA – DISPLACEMENT <30 L/CYL]

NOTIFICATION, REPORTS, AND RECORDS FOR OWNERS AND OPERATORS

§60.4214 What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?

(a) [NA – UNIT(S) ARE EMERGENCY]

(b) If the stationary CI internal combustion engine is an emergency stationary internal combustion engine, the owner or operator is not required to submit an initial notification. Starting with the model years in table 5 to this subpart, if the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine 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 engine and the reason the engine was in operation during that time.

(c) [NA - NO DIESEL PARTICULATE FILTERS]

(d) [NA - ENGINES NOT USED FOR DEMAND RESPONSE OR VOLTAGE OR FREQUENCY DEVIATION OR TO SUPPLY POWER AS PART OF A FINANCIAL ARRANGEMENT]

(e) Owners or operators of stationary CI ICE equipped with AECDs pursuant to the requirements of 40 CFR 1039.665 must report the use of AECDs as required by 40 CFR 1039.665(e).

[71 FR 39172, July 11, 2006, as amended at 78 FR 6696, Jan. 30, 2013; 81 FR 44219, July 7, 2016; 87 FR 48606, Aug. 10, 2022]

**SECTION E. Source Group Restrictions.****SPECIAL REQUIREMENTS**

§60.4215 [NA-LOCATED IN PENNSYLVANIA]

§60.4217 [NA- NO SPECIAL FUELS]

GENERAL PROVISIONS

§60.4218 What parts of the General Provisions apply to me?

Table 8 to this subpart shows which parts of the General Provisions in §§60.1 through 60.19 apply to you.

Regulatory Changes

Individual sources within this source group that are subject to 40 CFR Part 60 Subpart IIII shall comply with all applicable requirements of the Subpart. 40 CFR 60.4 requires submission of copies of all requests, reports and other communications to both the Department and the EPA.

The EPA copies shall be forwarded to:

Associate Director

United States Environmental Protection Agency
Region III, Air and Radiation Division
Permits Branch (3AD10)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103-2852

The Department copies shall be forwarded to:

William Weaver
wiweaver@pa.gov

In the event that the Federal Subpart that is the subject of this Source Group is revised, the permittee shall comply with the revised version of the subpart, and shall not be required to comply with any provisions in this permit designated as having the subpart as their authority, to the extent that such permit provisions would be inconsistent with the applicable provisions of the revised subpart.

*** **Permit Shield in Effect.** ***

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Title V facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

This permit incorporates and supersedes Plan Approval No. 67-05014C.

NOTE: The capacities/throughputs listed in Section A are for informational use only and should not be used as enforceable limitations.

The following sources and activities have been exempted from testing, monitoring, recordkeeping, and reporting requirements:

1. Two 500 gallon diesel fuel tanks
2. Small propane tank
3. General maintenance activities
4. Equipment maintenance activities
5. Battery maintenance
6. Wood drying kilns
7. Casket interior finishing
8. Sanding barn/Sanding stations w/ indoor exhausting dust collector
9. Closed loop plant air system w/ fabric collectors
10. Mobile sources (diesel-fired forklifts and front-end loaders)
11. Miscellaneous woodworking activities (sanding, cutting, and shaping equipment) that are not controlled by Source ID C360
12. Miscellaneous VOC sources (finished product touch-up activities, air drying and storage of rags used in the staining and coating operations, and management of the in-use containers containing or previously containing VOC-containing materials); these activities are incorporated into Group G002 for emissions recordkeeping and reporting.
13. Water-based glue application spray booth
14. Fire suppression system's small (< 2 mmBTU/hr) natural gas-fired hot water boiler
15. Wood dust handling system (covered pneumatic conveyors; two storage silos; cyclone; bin vent collectors; trailer loading/wood dust load-out process)
16. HVAC system (natural gas-fired roof-mounted heating and air conditioning units)
17. Building vents
18. Steam system for heating of wood drying kilns
19. End sealer application (water-based coating is applied to the ends of certain air-dried lumber species prior to kiln drying to prevent the checking and splitting of the lumber ends; the coating is applied by spray or brush outdoors)
20. Wood gluing application (air dry and ultrasonic cure wood glues are used in the casket manufacturing and assembly operations; the glues are hand-applied using brushes at the various woodworking stations; the glues are water-based/low VOC content)
21. Two natural gas-fired sealer drying ovens
22. One natural gas-fired top coat drying oven
23. Acetone wash-off station
24. Paint/chemical storage area
25. Electrically-heated final bake oven (formerly Source ID 250)
26. Steam-heated final drying barn (formerly Source ID 285)
27. Solvent distillation/Reclamation unit (RFD 9345 8/17/2021)

The following serves as a description of some of the Source IDs:

Source IDs 031, 032 and 033 were previously the subject of Operating Permit No. 67-302-041.

Source IDs 200, 205, 220, 225, 230, 240, 260, 270, 280, and 290 were previously the subject of Plan Approval No. 67-05014A.

Source IDs 200, 205, 220, 225, 230, 240, 260, 270, 280, 290, and 295 were previously the subject of Plan Approval No. 67-05014B.

Source IDs 200, 205, 220, 225, 230, 240, 260, 270, 280, and 290 are the subject of RACT Operating Permit No. 67-02014A.

Engines subject to combined NOx actual emissions less than 100 lbs/hr, 1000 lbs/day, 2.75 tons per ozone season and 6.6 tons per year on a 12-month rolling basis for all exempt engines at the site:

Source ID 502 (Installed May, 2024, replaces ID 501)

Clarke JU4H-UFADW8, Tier 3, 144 HP (107 kW), Diesel, Emergency Fire Pump, model year 2023, Displacement of 4.5 L.



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