



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: December 29, 2022

Effective Date: December 29, 2022

Expiration Date: December 28, 2027

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 unless otherwise designated.

State Only Permit No: 46-00014

Synthetic Minor

Federal Tax Id - Plant Code: 13-3873847-2

Owner Information

Name: KNOLL INC
Mailing Address: 855 E MAIN AVE
ZEELAND, MI 49464-1366

Plant Information

Plant: KNOLL INC/EAST GREENVILLE MFG
Location: 46 Montgomery County 46954 Upper Hanover Township
SIC Code: 2521 Manufacturing - Wood Office Furniture

Responsible Official

Name: LAUREN MILLER
Title: GLOBAL EHS DIRECTOR
Phone: (616) 238 - 9017 Email: lauren_miller@knoll.com

Permit Contact Person

Name: BUCK JOHNSON
Title: EHS MANAGER
Phone: (215) 679 - 1392 Email: bjohnson@knoll.com

[Signature] _____
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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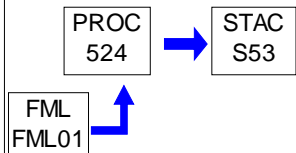
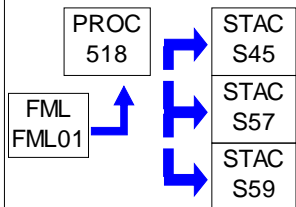
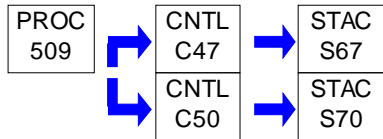
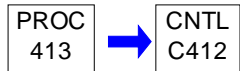
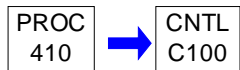
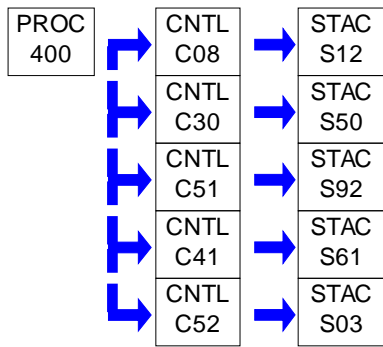
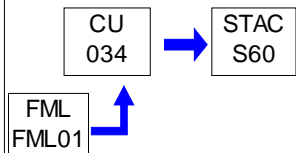
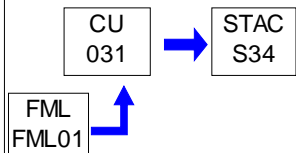
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	TWO SUPERIOR BOILERS	14.800 MMBTU/HR	
		14.100 MCF/HR	Natural Gas
034	TWO CLEAVER BROOKS BOILERS	5.230 MMBTU/HR	
		4.980 MCF/HR	Natural Gas
200	200 SERIES SPRAY BOOTH	26.000 Lbs/HR	SOLVENTS
400	WOODWORKING AREAS	8.000 Tons/HR	WOOD DUST
410	METAL & PLASTIC SAW #1		
413	METAL & PLASTIC SAW #2		
500	500 SERIES SPRAY BOOTHS	141.000 Lbs/HR	SOLVENTS
509	509B SPRAY BOOTH	67.320 Lbs/HR	SOLVENTS
518	PLAFORIZATION & BAKE OVENS	17.600 MCF/HR	Natural Gas
524	FLUIDIZED BED BURNER & CYCLONE	N/A	Natural Gas
		1,250.000 Lbs/HR	METAL PARTS
531	EXEMPT EMERGENCY ENGINES	N/A	#2 Oil
		N/A	Natural Gas
533	ADHESIVE REQUIREMENTS		
C08	CARTER DAY BAGHOUSE 1	N/A	DUST
C100	CYCLONE (TORNADO)		
C30	CARTER DAY BAGHOUSE 2	N/A	DUST
C41	CARTER DAY BAGHOUSE 3	N/A	DUST
C412	CYCLONE (MURPHY-RODGER)		
C51	CARTER DAY BAGHOUSE 5	N/A	DUST
C52	CARTER DAY BAGHOUSE 6	N/A	DUST
FML01	NATURAL GAS		
FML03	NO. 2 FUEL OIL		
S03	SANDING AREA EMISSIONS		
S12	CTR.BAGHOUSE 1 STACK		
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S45	OVEN STACK		
S50	CTR.BAGHOUSE 2 STACK		
S53	FL.BD.BURNER/CYCL.STACK		
S531	EXEMPT GENERATOR STACKS		
S57	PLAFORIZATION STACKS		
S59	NE BAKE OVEN STACK		
S60	LUBIN BOILER STACK		
S61	CTR.BAGHOUSE 3 STACK		
S67	SPRAY BOOTH STACK		
S70	SPRAY BOOTH STACK		
S92	CTR.BAGHOUSE 5 STACK		

PERMIT MAPS



PERMIT MAPS





PERMIT MAPS



**SECTION B. General State Only 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 in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]**Operating Permit Duration.**

(a) 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.

(b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating 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.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)]**Permit Renewal.**

(a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.

(b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. 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.

(c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). 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.

(d) 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.

(e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).

(f) 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 as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]**Operating Permit Fees under Subchapter I.**

(a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.

(1) For a synthetic minor facility, a fee equal to:

(i) Four thousand dollars (\$4,000) for calendar years 2021—2025.

(ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.

(iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) 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.

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]**Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]**Inspection and Entry.**

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

(1) Enter at reasonable times upon the permittee's premises where a 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, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any 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, any 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 or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(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.

#007 [25 Pa. Code §§ 127.441 & 127.444]**Compliance Requirements.**

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

**SECTION B. General State Only Requirements**

- (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 for the source is 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 State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]**Need to Halt or Reduce Activity Not a Defense.**

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

#009 [25 Pa. Code §§ 127.442(a) & 127.461]**Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]**Revising an Operating Permit for Cause.**

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

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:

**SECTION B. General State Only Requirements**

(b) Administrative Amendments. The permittee shall submit the application for administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) 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.

#012 [25 Pa. Code § 127.441]**Severability Clause.**

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

#013 [25 Pa. Code § 127.449]**De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. 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.

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

(c) Except as provided below in (d), the permittee is authorized 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 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, the regulations thereunder 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, the regulations thereunder or 25 Pa. Code Article III.

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

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

**SECTION B. General State Only Requirements**

- (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 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.
- (e) 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 (c)(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 this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (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, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making 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.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#014 [25 Pa. Code § 127.3]**Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (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)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11]**Reactivation**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(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).

#016 [25 Pa. Code § 127.36]**Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]**Circumvention.**

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 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]**Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) 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 in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

**SECTION B. General State Only Requirements**

records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]**Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]**Recordkeeping.**

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

- (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 any 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.

#021 [25 Pa. Code § 127.441(a)]**Property Rights.**

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

#022 [25 Pa. Code § 127.447]**Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, 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 of a Synthetic Minor Facility 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.

#024 [25 Pa. Code §135.4]**Report Format**

If applicable, the 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 §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. Section 4003).

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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (7) N/A
- (8) N/A
- (9) Sources and classes of sources other than those identified in paragraphs (1)—(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) The emissions are of minor significance with respect to causing air pollution.
 - (ii) The emissions are not preventing or interfering with the attainment or maintenance of an ambient air quality standard.

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a) if such emissions are visible at the point the emissions pass outside the person's property.

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

[MALODORS]

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

005 [25 Pa. Code §123.41]**Limitations**

[OPACITY LIMITATIONS]

The permittee may not permit 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:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.

**SECTION C. Site Level Requirements**

(2) Equal to or greater than 60% at any time.

006 [25 Pa. Code §123.42]**Exceptions**

The opacity limitations of 25 Pa. Code § 123.41 shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in 25 Pa. Code § 123.1(a), relating to prohibition of certain fugitive emissions.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

- (a) The permittee shall limit facility-wide NO_x emissions from all sources (Plant-Wide) to less than 25 tons per year on a 12-month rolling sum basis.
- (b) The permittee shall limit facility-wide VOC emissions from all sources (Plant-Wide) to less than 25 tons per year on a 12-month rolling sum basis.
- (c) The permittee shall limit facility-wide individual HAP emissions from all sources (Plant-Wide) to less than 10 tons per year on a 12-month rolling sum basis.
- (d) The permittee shall limit facility-wide total (any combination) HAP emissions from all sources (Plant-Wide) to less than 25 tons per year on a 12-month rolling sum basis.

008 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material in the Southeast Air Basin 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) Any 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.

Throughput Restriction(s).**# 009 Elective Restriction**

[Authority for this permit condition is derived from 40 CFR § 60.310(c).]

- (a) The permittee shall not use greater than 3,842 liters of organic coating (as applied), total for all metal furniture surface coating operations, per year, as the terms are defined in 40 CFR § 60.311. For purposes of this condition, powder coatings are not organic coatings, see definitions noted below.
- (b) Using greater than 3,842 liters of organic coating (as applied), total for all metal furniture surface coating operations, per year, will result in the facility being subject to the requirements of 40 CFR Part 60 Subpart EE: Standards of Performance for Surface Coating of Metal Furniture.

[From 40 CFR § 60.311:

**SECTION C. Site Level Requirements**

ORGANIC COATING means any coating used in a surface coating operation, including dilution solvents, from which volatile organic compound emissions occur during the application or the curing process. For the purpose of 40 CFR Part 60 Subpart EE, powder coatings are not included in this definition.

POWDER COATING means any surface coating which is applied as a dry powder and is fused into a continuous coating film through the use of heat.

SPRAY APPLICATION means a method of applying coatings by atomizing and directing the atomized spray toward the part to be coated.

SURFACE COATING OPERATION means the system on a metal furniture surface coating line used to apply and dry or cure an organic coating on the surface of the metal furniture part or product. The surface coating operation may be a prime coat or a top coat operation and includes the coating application station(s), flash-off area, and curing oven.]

II. TESTING REQUIREMENTS.**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) If at any time the Department has cause to believe that air contaminant emissions from any source may be in excess of the limitations specified in this Operating Permit, or established pursuant to any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and the most current version of the DEP Source Testing Manual, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.**# 011 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

012 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) Odors which may be objectionable (as per 25 Pa. Code §123.31);
- (2) Visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
- (3) Fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) Be investigated;
- (2) Be reported to the facility management, or individual(s) designated by the permittee;
- (3) Have appropriate corrective action taken (for emissions that originate on-site); and
- (4) Be recorded in a permanent written log.

(c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility

**SECTION C. Site Level Requirements**

of decreasing the monitoring frequency to weekly.

(d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification (if applicable), complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) Date, time, and location of the incident(s);
- (b) The cause of the event; and
- (c) The corrective action taken, if necessary, to abate the situation and prevent future occurrences.

014 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall maintain monthly records on a 12-month rolling sum of facility-wide NO_x emissions for all sources on site in order to demonstrate compliance with the synthetic minor emission limit for NO_x emissions.

(b) The permittee shall maintain monthly records on a 12-month rolling sum of facility-wide VOC emissions for all sources on site in order to demonstrate compliance with the synthetic minor emission limit for VOC emissions.

(c) The permittee shall maintain monthly records on a 12-month rolling sum of facility-wide HAP emissions for all sources on site in order to demonstrate compliance with the area source emission limit for HAP emissions. Facility-wide HAP emission records shall include any combination HAP and any individual HAP emissions.

015 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (a) De minimis increases without notification to the Department.
- (b) De minimis increases with notification to the Department, via letter.
- (c) Increases resulting from a Request for Determination (RFD) to the Department.
- (d) Increases resulting from the issuance of a plan approval and subsequent operating permit.

016 Elective Restriction

[Authority for this permit condition is derived from 40 CFR § 60.310(c).]

The permittee shall maintain purchase or inventory records or other data necessary in order to substantiate the annual organic coating usage exemption of less than 3,842 liters of organic coating (as applied) used for all metal furniture surface coating operations at the facility.

V. REPORTING REQUIREMENTS.**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 C.F.R. Part 68.]

(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 C.F.R. 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).

**SECTION C. Site Level Requirements**

(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 C.F.R. Part 68, and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act when a regulated substance listed in 40 C.F.R. § 68.130 is present in a process in more than the threshold quantity at a major facility. The permittee shall submit the RMP to the EPA 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:

- (i) Three years after the date on which a regulated substance is first listed in 40 C.F.R. § 68.130.
- (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 C.F.R. § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 C.F.R. 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 C.F.R. § 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 this facility is subject to 40 C.F.R. Part 68, as part of the certification required under this permit, the permittee shall perform the following:

(1) Submit a compliance schedule for satisfying the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. § 68.10(a).

(2) Certify that this facility is in compliance with all requirements of 40 C.F.R. Part 68 including the registration and submission of the RMP.

(e) If this facility is subject to 40 C.F.R. Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for 5 years in accordance with 40 C.F.R. § 68.200.

(f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 C.F.R. Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 C.F.R. Part 68.

018 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

**SECTION C. Site Level Requirements**

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;
- (2) Nature and cause of the malfunction, emergency or incident;
- (3) Date and time when the malfunction, emergency or incident was first observed;
- (4) Expected duration of excess emissions;
- (5) Estimated rate of emissions; and
- (6) Corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

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

A person responsible for any source specified in 25 Pa. Code § 123.1 shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (a) Use, where possible, of water or suitable 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, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts;
- (c) Paving and maintenance of roadways; and
- (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 by other means.

020 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.91 - 129.95].

(a) The permittee shall use closed containers for storing cleaning materials subject to 25 Pa. Code § 129.52a (for cleaning related to metal furniture surface coatings) and cleanup solvents subject to § 129.77 (for cleanup related to adhesives, sealants, primers and solvents).

(b) The permittee shall implement and maintain a Work Practice Implementation Plan along with a Training Plan, which shall include, at a minimum, the following:

- (1) All personnel at the time of hire, including contract personnel, who use cleaning materials or cleanup solvents for cleaning operations shall receive training on their use.
- (2) A list of all personnel by name and job description that are required to be trained shall be maintained.

**SECTION C. Site Level Requirements**

(3) An outline of the subjects to be covered in training shall be maintained.

(4) Lesson plans for courses to be given at the training shall include, at a minimum, appropriate cleaning procedures, appropriate equipment setup and adjustment to minimize adhesive residuals, and appropriate management of cleanup wastes.

(5) A description of methods to be used at the completion of the training to demonstrate and document successful completion.

(c) The permittee shall maintain a leak inspection and maintenance plan which shall include, at a minimum, 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) 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:

(i) A first attempt at repairs, including tightening of packing glands, shall be made no later than 5 working days after the leak was detected.

(ii) Final repairs shall be made within 15 working days, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within 3 months.

021 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall ensure that all sources and air pollution control devices are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

022 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures which may include the application for the installation of air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A of this plan approval/operating permit is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

023 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee may not modify any air contaminant system identified in this permit prior to obtaining Department approval except those modifications authorized by Condition #013(g) of Section B of this permit.

VII. ADDITIONAL REQUIREMENTS.

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

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: TWO SUPERIOR BOILERS

Source Capacity/Throughput: 14.800 MMBTU/HR

14.100 MCF/HR Natural Gas

Conditions for this source occur in the following groups: GROUP 1

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall burn natural gas only in the boilers listed in Source ID 031.

II. TESTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of Superior Boilers 1 and 2 installed on April 1, 1961, Model No. GCC4RC350A located in the Fabrication Building Boiler Room. Natural Gas is the only fuel source.

**SECTION D. Source Level Requirements**

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11195]

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

Are any boilers not subject to this subpart?

As specified in 40 CFR § 63.11195(e), the affected boilers under this source identification shall not be subject to the requirements of Subpart JJJJJJ if it meets the definition of a Gas-fired boiler under 40 CFR § 63.11237.

A Gas-fired boiler is defined as any boiler that burns gaseous fuels not combined with any solid fuels, burns liquid fuel only during periods of gas curtailment, gas supply emergencies, or for periodic testing that does not exceed 48 hours during any calendar year.

Should the permittee operate these boilers in contrary to this definition, the boilers shall be subject to the requirements of the NESHAPS/MACT Subpart JJJJJJ.

**SECTION D. Source Level Requirements**

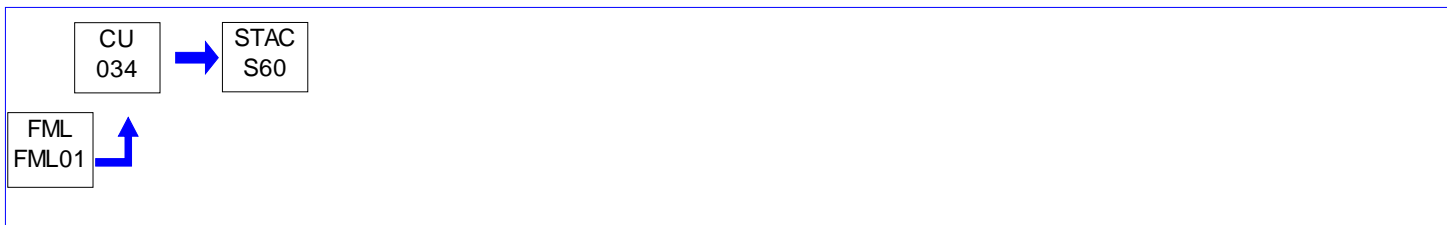
Source ID: 034

Source Name: TWO CLEAVER BROOKS BOILERS

Source Capacity/Throughput: 5.230 MMBTU/HR

4.980 MCF/HR Natural Gas

Conditions for this source occur in the following groups: GROUP 1

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall burn natural gas only in the boilers listed in Source ID 034.

II. TESTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of Cleaver Brooks Boilers 1 and 2 installed on June 1, 1984, Model No. CB200-125 located in the Lubin Building. Natural Gas is the only fuel source.

**SECTION D. Source Level Requirements**

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11195]

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

Are any boilers not subject to this subpart?

As specified in 40 CFR § 63.11195(e), the affected boilers under this source identification shall not be subject to the requirements of Subpart JJJJJJ if it meets the definition of a Gas-fired boiler under 40 CFR § 63.11237.

A Gas-fired boiler is defined as any boiler that burns gaseous fuels not combined with any solid fuels, burns liquid fuel only during periods of gas curtailment, gas supply emergencies, or for periodic testing that does not exceed 48 hours during any calendar year.

Should the permittee operate these boilers in contrary to this definition, the boilers shall be subject to the requirements of the NESHAPS/MACT Subpart JJJJJJ.

**SECTION D. Source Level Requirements**

Source ID: 200

Source Name: 200 SERIES SPRAY BOOTH

Source Capacity/Throughput:

26.000 Lbs/HR

SOLVENTS

Conditions for this source occur in the following groups: GROUP 2
GROUP 3
GROUP 4

I. RESTRICTIONS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code Section 129.91 - 129.95].

(a) The pressure differential across the double fabric collectors associated with this source shall be greater than 0 and less than 1 inches water column when the spray booths are in operation.

(b) The spray painting shall be performed in the spray booths using a high volume-low pressure (HVLV) application system.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

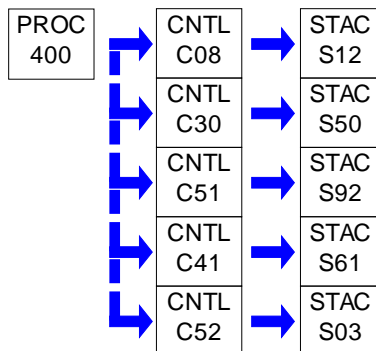
Source ID: 400

Source Name: WOODWORKING AREAS

Source Capacity/Throughput:

8.000 Tons/HR

WOOD DUST

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

001 [25 Pa. Code §123.13]

Processes

[After Controls]

The permittee may not permit the emission into the outdoor atmosphere of particulate matter from this process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains 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 (State Only General Requirements).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the rate of production on a monthly basis. The rate of production may be monitored using tons of sawdust per month.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of the production rate for this source on a monthly basis. Records of tons of sawdust per month may be used as records for the rate of production.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain this source in accordance with manufacturer's specifications.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of various woodworking areas within the plant. Each one is ducted to a separate control device as described below.

C08 (Carter Day 1) rated at 25,000 CFM: Single Beam Saw, Vorwood Foiler, Fletcher Foiler, Grinder Transport 1, CD 3 Transport, and CD 6 Transport

C30 (Carter Day 2) rated at 25,000 CFM: Rip Saw, Crosscut Saw, 3rd Face Saw, Edgebander A-Side, Edgebander B-Side, Grinder Transport 2, and CD 5 Transport

C41 (Carter Day 3) rated at 25,000 CFM: Plastic Saw/Holzma, Schiele, Belt Sander/Tables, and Homag 230

C51 (Carter Day 5) rated at 35,000 CFM: Baz 4, Baz 5, Baz 6, Homag 7, and BP-155

C52 (Carter Day 6) rated at 35,000 CFM: BRI Line, Driltech H-600, and Brema Vector

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

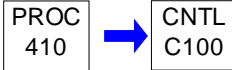
The baghouses associated with Source ID 400 - Woodworking Areas - are also listed in Source Group 5 - Baghouses.

**SECTION D. Source Level Requirements**

Source ID: 410

Source Name: METAL & PLASTIC SAW #1

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The Particulate Matter (PM) emissions from the cutting saw shall not exceed 0.02 grains per dry standard cubic foot, 0.33 pounds per hour and 1.5 tons per year on a twelve (12) month rolling basis.

[Compliance with this streamlined condition will assure compliance with 25 Pa. Code 123.13]

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall continuously monitor the pressure differential of the cyclone associated with this source using a photohelic or magnehelic gauge at all times the saw is in operation.

(b) The permittee shall calculate the Particulate Matter emissions monthly.

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall record the pressure differential across the cyclone associated with this source on a weekly basis, when the saw is in operation.

(b) The permittee shall keep records of the Particulate Matter emissions on a monthly and 12-month rolling basis..

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The cutting saw emissions shall be exhausted to the cyclone whenever the cutting saw is operated.

005 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The metal and plastic saw and the cyclone shall be operated and maintained in accordance with manufacturer's specifications



SECTION D. Source Level Requirements

VII. ADDITIONAL REQUIREMENTS.

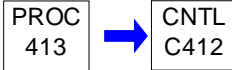
No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 413

Source Name: METAL & PLASTIC SAW #2

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

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

[Note: This particulate matter emission limit serves as Best Available Technology (BAT) which was determined as part of Plan Approval No. 46-0014G and in accordance with 25 Pa. Code § 127.12(a)(5).]

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall continuously monitor the pressure differential of the cyclone (C412) associated with this source using a photohelic or magnehelic gauge at all times the saw is in operation.

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the following for this source and the cyclone (C412) associated with this source:

- (a) inspections performed,
- (b) maintenance performed (including when filters are replaced),
- (c) any deficiencies, and
- (d) any corrective actions taken.

004 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall record the pressure differential across the cyclone (C412) on a weekly basis, when the saw is in operation.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a pressure drop range of 2 - 6 inches water gauge for the cyclone (C412) associated with this

**SECTION D. Source Level Requirements**

source at all times the saw is in operation.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall operate and maintain this source and the associated cyclone (C412) according to manufacturer's specifications and/or the facility's O&M Plan and good air pollution control practices.

(b) The permittee shall maintain on site copies of manufacturer specifications and/or the facility's O&M Plan for this source and the cyclone associated with this source.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall implement an inspection and maintenance plan for the cyclone (C412) associated with this source, including, but not limited to the following:

- (a) The permittee shall keep spare filters on hand for replacement.
- (b) The permittee shall replace filters as needed.
- (c) The permittee shall inspect the air pollution control device for proper operation.
- (d) The permittee shall generally observe that the equipment is maintained in good operating condition.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall operate this source only when the associated cyclone (C412) is operating properly.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 500

Source Name: 500 SERIES SPRAY BOOTHS

Source Capacity/Throughput: 141.000 Lbs/HR SOLVENTS

Conditions for this source occur in the following groups: GROUP 2
 GROUP 3
 GROUP 4

I. RESTRICTIONS.**Control Device Efficiency Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The pressure differential across the double fabric collectors on the 500 series spray booths (Source ID # 500) shall be greater than 0 and less than 1.0 inches of water column when the spray booth is in operation.

II. TESTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of Spray Booth 508 and Spray Booth 523.

**SECTION D. Source Level Requirements**

Source ID: 509

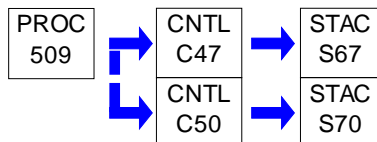
Source Name: 509B SPRAY BOOTH

Source Capacity/Throughput:

67.320 Lbs/HR

SOLVENTS

Conditions for this source occur in the following groups: GROUP 2
GROUP 3
GROUP 4

**I. RESTRICTIONS.**

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

**SECTION D. Source Level Requirements**

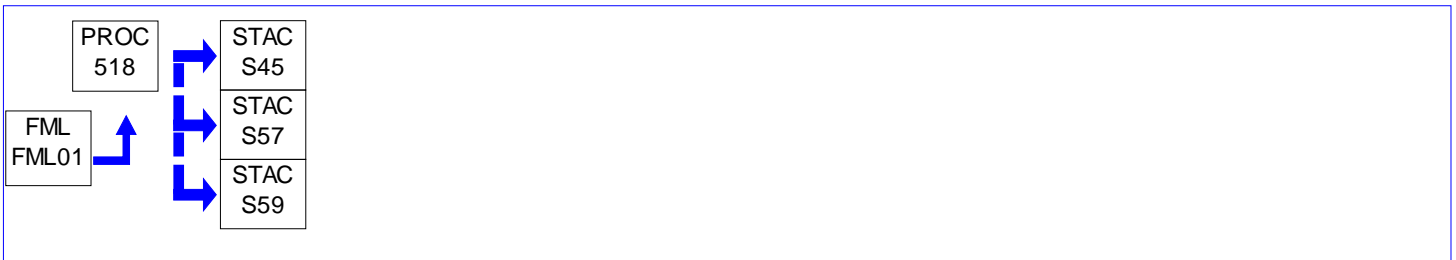
Source ID: 518

Source Name: PLAFORIZATION & BAKE OVENS

Source Capacity/Throughput:

17.600 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from this source at any time, in excess of 0.04 gr/dscf, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall use natural gas only in the bake ovens.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the amount of natural gas fuel used in the bake ovens on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the amount of natural gas used in the bake ovens on a monthly basis.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source shall be operated and maintained in accordance with manufacturer's specifications.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source ID consists of the following individual sources:

- (1) Plaforization System - T & S Solutions, Model No. 200607KPA, single step degreasing and phosphating process utilizing ECOPHOR B/700 Organic Solvent. This source replaces the Power Wash System. VOC emissions are negligible, less than 1.0 tpy
- (2) Natural gas-fired Torrid Drying Oven rated at 7.0 MMBtu/hr - DEP ID #518D
- (3) Natural gas-fired BELCO Convection Oven rated at 2.5 MMBtu/hr
- (4) Natural gas-fired CC Infrared Oven rated at 1.188 MMBtu/hr.

**SECTION D. Source Level Requirements**

Source ID: 524

Source Name: FLUIDIZED BED BURNER & CYCLONE

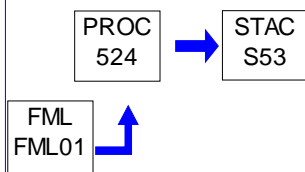
Source Capacity/Throughput:

N/A

Natural Gas

1,250.000 Lbs/HR

METAL PARTS

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the particulate matter emissions from burner/cyclone to less than 0.02 grains per dry standard cubic foot.

[Compliance with this condition assures compliance with 25 Pa. Code 123.13]

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The volatile organic compound emissions from this source shall not exceed 25 tons per year on a 12-consecutive month rolling sum basis.

[The facility-wide synthetic minor limit for VOC emissions is more stringent and streamlines compliance with this condition.]

Fuel Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall use natural gas only in the fluidized bed burners.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor:

- (a) fuel usage on a monthly basis,
- (b) the combustion chamber temperature on a daily basis on operating days, and
- (c) the pressure drop across the cyclone at least once per operating day.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of:

- (a) fuel usage on a monthly basis,

**SECTION D. Source Level Requirements**

- (b) the combustion chamber temperature on a daily basis on operating days, and
(c) the pressure drop across the cyclone at least once per operating day.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall ensure that both the combustion chamber and the cyclone shall be operating whenever the source is in use.
- (b) The permittee shall ensure that the combustion chamber operates at a minimum temperature of 850 degrees F. A thermocouple shall be maintained to verify this minimum temperature while in operation.
- (c) The permittee shall maintain a pressure drop gauge on the cyclone and ensure that the pressure differential is between 1.0 and 3.5 inches (w.g.) whenever the unit is in operation.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain this source in accordance with manufacturer's specifications.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: 531

Source Name: EXEMPT EMERGENCY ENGINES

Source Capacity/Throughput:

N/A

#2 Oil

N/A

Natural Gas

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

No person may permit the emission into the atmosphere of particulate matter from each generator of this source in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

002 [25 Pa. Code §123.21]**General**

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

[The method of compliance for this permit condition may be verified through the use of commercial grade fuel oil containing 0.05% or less sulfur content by weight.]

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

The permittee shall limit the aggregate NO_x emissions from all exempt engines on site to 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.

Operation Hours Restriction(s).**# 004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What are my monitoring, installation, operation, and maintenance requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35, 40 CFR § 63.6603(a), and 40 CFR § 63.6625(h).]

The permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall limit the hours of operation for each emergency engine as follows, according to 40 CFR § 63.6640(f):

**SECTION D. Source Level Requirements**

- (a) No more than one hundred (100) hours per year for maintenance checks and readiness testing as required by the manufacturer, insurance company, or government agency; and
- (b) No more than fifty (50) hours in non-emergency situations, but these fifty must be counted toward the 100 hours for maintenance and readiness testing. These 50 hours cannot be used for peak shaving or to generate income by supplying power as part of a financial arrangement with another entity.

II. TESTING REQUIREMENTS.**# 006 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

(a) The following are applicable to tests for the analysis of commercial fuel oil:

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).

(2) Test methods and procedures for the determination of viscosity shall be that specified in 25 Pa. Code § 139.4(11) (relating to references). The viscosity shall be determined at 100°F.

(3) Tests methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12)--(15).

(4) Results shall be reported in accordance with the units specified in 25 Pa. Code § 123.22 (relating to combustion units).

(b) The testing requirements in subpart (a) above, shall be waived in the event that a delivery receipt from the supplier, showing the percentage sulfur in the fuel, is obtained each time a fuel oil delivery is made.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain monthly records of the aggregate NOx emissions from all exempt engines on site including pounds per hour, pounds per day, ozone season (i.e., the period from May 1 through September 30 of each year) sums, and 12-month rolling sums to demonstrate compliance with the NOx emission limits applicable to this source.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The following recordkeeping requirements apply to each engine, according to 40 CFR § 63.6655(f)(1):

(a) The permittee shall keep records of the hours of operation of each engine that is recorded through a non-resettable hour meter.

(b) The permittee shall document how many hours are spent for emergency operation (12-month rolling), including what classified the operation as emergency and how many hours are spent for non-emergency operation (12-month rolling).

**SECTION D. Source Level Requirements****# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What records must I keep?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35.]

The permittee shall keep records of the maintenance conducted on each emergency generator in order to demonstrate that each engine is operated and maintained according to a maintenance plan, according to 40 CFR § 63.6655(e)(2).

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6660]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****In what form and how long must I keep my records?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35.]

(a) The permittee shall maintain records in a form suitable and readily available for expeditious review according to 40 CFR § 63.10(b)(1).

(b) As specified in 40 CFR § 63.10(b)(1), the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) The permittee shall keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR § 63.10(b)(1).

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]****Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35.]

For each Compression Ignition Engine (Fuel Oil):

The permittee shall perform the following work practice standards on this stationary RICE, according to 40 CFR § 63.6603(a) and Table 2d (Item 4) of Subpart ZZZZ:

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first,
- (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

The permittee has the option to utilize an oil analysis program as described in 40 CFR § 63.6625(i) in order to extend the specified oil change requirement in (a) above.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?**

**SECTION D. Source Level Requirements**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

For each Spark Ignition Engine (Natural Gas):

The permittee shall perform the following work practice standards on this stationary RICE, according to 40 CFR § 63.6603(a) and Table 2d (Item 5) of Subpart ZZZZ:

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first,
- (b) Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

The permittee has the option to utilize an oil analysis program as described in 40 CFR § 63.6625(j) in order to extend the specified oil change requirement in (a) above.

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6605]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my general requirements for complying with this subpart?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

(a) The permittee shall be in compliance with the applicable requirements of 40 CFR Part 63 Subpart ZZZZ at all times.

(b) At all times the permittee shall operate and maintain the 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 the permittee 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 Department which 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.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.35]

The permittee shall operate and maintain each stationary RICE according to the manufacturer's emission-related written instructions or facility-developed maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions, according to 40 CFR § 63.6625(e)(3).

VII. ADDITIONAL REQUIREMENTS.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of the following engines:

1. 500 KW diesel-fired Onan emergency generator with a Cummins engine located at the back of the wood shop
2. 100 KW natural gas-fired Onan emergency lighting generator with a Ford engine located in the fabrication courtyard.

**SECTION D. Source Level Requirements**

Source ID: 533

Source Name: ADHESIVE REQUIREMENTS

Source Capacity/Throughput:

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.**# 001 [25 Pa. Code §129.77.]****Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

(a) The permittee shall use data from Certified Product Data Sheets (CPDS) and/or Safety Data Sheets (SDS) to determine the VOC and HAP content or vapor pressure of adhesives, sealants, adhesive primers, sealant primers, surface preparation solvent, or cleanup solvent. VOC and HAP content shall be used to calculate VOC and HAP emissions from the use of all related material, as applicable.

(b) As an alternative to the CPDS and SDS, the permittee may use USEPA Test Method 24 or other USEPA Test Methods listed 25 Pa. Code § 129.77 to determine the VOC and HAP content of the adhesives/other components applied at this source.

[Compliance with condition (a) streamlines compliance with the VOC content testing requirements of 25 Pa. Code § 129.77.]

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §129.77.]****Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

In accordance with 25 Pa. Code § 129.77(bb): For adhesive, sealant, adhesive primer or sealant primer products that do not contain reactive diluents, grams of VOC per liter of product thinned to the manufacturer's recommendation, less water and exempt compounds, shall be calculated according to the following equation:

Grams of VOC per liter of product, as applied = $(W_s - W_w - W_e) / (V_m - V_w - V_e)$

Where:

W_s = weight of volatile compounds, in grams.

W_w = weight of water, in grams.

W_e = weight of exempt compounds, in grams.

V_m = volume of material, in liters.

V_w = volume of water, in liters.

V_e = volume of exempt compounds, in liters.

In accordance with 25 Pa. Code § 129.77(cc): For adhesive, sealant, adhesive primer or sealant primer products that contain reactive diluents, the VOC content of the product is determined after curing. The grams of VOC per liter of product thinned to the manufacturer's recommendation, less water and exempt compounds, shall be calculated according to the following equation:

Grams of VOC per liter of product, as applied = $(W_{rs} - W_{rw} - W_{re}) / (V_{rm} - V_{rw} - V_{re})$

Where:

W_{rs} = weight of volatile compounds not consumed during curing, in grams.

W_{rw} = weight of water not consumed during curing, in grams.

W_{re} = weight of exempt compounds not consumed during curing, in grams.

V_{rm} = volume of material not consumed during curing, in liters.

V_{rw} = volume of water not consumed during curing, in liters.

V_{re} = volume of exempt compounds not consumed during curing, in liters.

In accordance with 25 Pa. Code § 129.77(dd): For low-solids adhesive, sealant, adhesive primer or sealant primer products, grams of VOC per liter of product thinned to the manufacturer's recommendation, including the volume of water

**SECTION D. Source Level Requirements**

and exempt compounds, shall be calculated according to the following equation:

$$\text{Grams of VOC per liter of product, as applied} = (W_s - W_w - W_e) / V_m$$

Where:

W_s = weight of volatile compounds, in grams.

W_w = weight of water, in grams.

W_e = weight of exempt compounds, in grams.

V_m = volume of material, in liters.

In accordance with 25 Pa. Code § 129.77(ee): Percent VOC by weight shall be calculated according to the following equation:

$$\% \text{ VOC by weight} = [(W_v/W)] \times 100$$

Where:

W_v = weight of VOCs, in grams.

W = weight of material, in grams.

In accordance with 25 Pa. Code § 129.77(ff): To convert from grams per liter (g/l) to pounds per gallon (lb/gal), multiply the result (VOC content) by 8.345×10^{-3} (lb/gal/g/l).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain records of the CPDS and SDS or data from any alternate Department approved methods used to determine VOC content of material.

(b) The permittee shall calculate and record the VOC emissions from the use or application of adhesives, sealants, primers and other solvents on a monthly basis, including 12-month rolling sums.

004 [25 Pa. Code §129.77.]**Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

The permittee shall maintain the following records for materials used at this source, according to 25 Pa. Code § 129.77(o):

(a) A list of each adhesive, sealant, adhesive primer, sealant primer, surface preparation solvent and cleanup solvent product in use and in storage.

(b) A data sheet or material list which provides the product name, manufacturer identification and use or material application type for each product on the list required under (a).

(c) The VOC content of each product on the list required under (a), as supplied.

(d) Catalysts, reducers or other components used and the mix ratio.

(e) The VOC content or vapor pressure of each product on the list required under (a), as applied, if solvent or other VOC is added to the product before application.

(f) The monthly volume purchased or produced of each product on the list required under (a).

(g) The monthly volume used or applied as part of a manufacturing process at the facility of each product on the list required under (a).

[Compliance with this streamlined condition demonstrates compliance with the RACT requirements of 25 Pa. Code § 129.95.]

**SECTION D. Source Level Requirements****# 005 [25 Pa. Code §129.77.]****Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

(a) The permittee shall maintain records to demonstrate compliance with 25 Pa. Code § 129.77 onsite for 5 years from the date the record is created, according to 25 Pa. Code § 129.77(q).

(b) The permittee shall make available to the Department the records used to demonstrate compliance with 25 Pa. Code § 129.77 upon receipt of a written request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §129.77.]****Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

The permittee shall store or dispose of all absorbent materials, including cloth or paper, which are moistened with adhesives, sealants, primers, surface preparation solvents or cleanup solvents subject to this section, in nonabsorbent containers at the facility that are kept closed except when placing materials in or removing materials from the container, according to 25 Pa. Code § 129.77(h).

007 [25 Pa. Code §129.77.]**Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

(a) The permittee shall not use or apply at the facility a contact bond adhesive that exceeds the VOC content limit of 2.1 pound of VOC per gallon, less water and exempt compounds as listed in Table V of 25 Pa. Code § 129.77 applicable to contact bond adhesives, except as provided elsewhere in 25 Pa. Code § 129.77.

(b) The permittee shall not use or apply at the facility an adhesive, sealant, adhesive primer or sealant primer that exceeds the applicable VOC content limit(s) specified in Table V or VI, except as provided elsewhere in 25 Pa. Code § 129.77.

(c) Any requirement based on 25 Pa. Code § 129.77, including VOC content limits, do not apply to the use or application of compounds or products that are exempt pursuant to 25 Pa. Code § 129.77(k) or 25 Pa. Code § 129.77(n). Exemptions include, but are not limited to:

(1) Adhesives and sealants that contain less than 20 grams of VOC per liter of adhesive or sealant, less water and less exempt compounds, as applied.

(2) Adhesives, sealants, adhesive primers or sealant primers that are sold or supplied by the manufacturer or supplier in containers with a net volume of 16 fluid ounces or less, or a net weight of 1 pound or less, except plastic cement welding adhesives and contact adhesives.

(3) Contact adhesives that are sold or supplied by the manufacturer or supplier in containers with a net volume of 1 gallon or less.

(4) The use or application of a noncomplying adhesive, sealant, adhesive primer, sealant primer, surface preparation solvent or cleanup solvent if the total volume of noncomplying adhesives, sealants, primers, surface preparation and cleanup solvents used or applied facility-wide does not exceed 55 gallons per calendar year. The permittee claiming exemption under this subsection shall record and maintain operational records sufficient to demonstrate compliance with this exemption, in accordance with 25 Pa. Code § 129.77(o)-(q).

008 [25 Pa. Code §129.77.]**Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

The permittee shall not use or apply at the facility a surface preparation or cleanup solvent that exceeds the applicable VOC content limit or composite partial vapor pressure requirements of this section, as follows:

**SECTION D. Source Level Requirements**

(a) For surface preparation materials containing VOCs: less than 70 grams per liter of material or 0.6 pound of VOC per gallon of material.

(b) Except as provided in subsection (c) below, cleanup solvent materials containing VOCs used for the removal of adhesives, sealants, adhesive primers or sealant primers from surfaces, other than from the parts of spray application equipment: composite partial vapor pressure of the solvent less than or equal to 45 mm mercury at 20° C.

(c) For cleanup solvent materials containing VOCs used for the removal of adhesives, sealants, adhesive primers or sealant primers from the parts of spray application equipment by one of the following methods:

(1) Using an enclosed cleaning system, or an equivalent cleaning system as determined by an approved test method, or

(2) Using a solvent with a VOC content less than or equal to 70 grams of VOC per liter of material or 0.6 pound of VOC per gallon of material, or

(3) Soaking parts containing dried adhesive in a solvent if the composite partial vapor pressure of the solvent, excluding water and exempt compounds, is less than or equal to 9.5 mm mercury at 20° C and the parts and solvent are in a closed container that remains closed except when adding parts to or removing parts from the container.

009 [25 Pa. Code §129.77.]**Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

The VOC content limits in Table VI for adhesives or sealants applied to particular substrates apply as follows:

(a) If the permittee uses or applies at the facility an adhesive or sealant subject to a specific VOC content limit in Table V, the specific limit is applicable rather than the adhesive-to-substrate limit in Table VI.

(b) If the permittee uses or applies at the facility an adhesive to bond dissimilar substrates together, the applicable substrate category with the highest VOC content limit is the limit for this use.

010 [25 Pa. Code §129.77.]**Control of emissions from the use or application of adhesives, sealants, primers and solvents.**

(a) The permittee shall not solicit, require or specify the use or application of an adhesive, sealant, adhesive primer, sealant primer, surface preparation solvent or cleanup solvent if the use or application would result in a violation of 25 Pa. Code § 129.77, unless the emissions are controlled through the use of add-on air pollution control equipment. This prohibition applies to all written or oral contracts created on or after January 1, 2012, under which an adhesive, sealant, adhesive primer, sealant primer, surface preparation solvent or cleanup solvent subject to the requirements of 25 Pa. Code § 129.77 is to be used or applied at a facility in this Commonwealth. [25 Pa. Code § 129.77(i)]

(b) The permittee shall not add solvent to the adhesive, sealant, adhesive primer or sealant primer in an amount in excess of the manufacturer's recommendation for application, if this addition causes the adhesive, sealant, adhesive primer or sealant primer to exceed the applicable VOC content limit listed in Table V or VI of 25 Pa. Code § 129.77 unless the emissions are controlled through the use of add-on air pollution control equipment. [25 Pa. Code § 129.77(j)]

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION D. Source Level Requirements**

Source ID: C08

Source Name: CARTER DAY BAGHOUSE 1

Source Capacity/Throughput:

N/A

DUST

Conditions for this source occur in the following groups: GROUP 5

I. RESTRICTIONS.

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

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Carter Day Baghouse #1 rated at 25,000 CFM controls particulate matter emissions from the following woodworking areas:

Single Beam Saw
 Vorwood Foiler
 Fletcher Foiler
 Grinder Transport 1
 CD 3 Transport
 CD 6 Transport

**SECTION D. Source Level Requirements**

Source ID: C30

Source Name: CARTER DAY BAGHOUSE 2

Source Capacity/Throughput:

N/A

DUST

Conditions for this source occur in the following groups: GROUP 5

I. RESTRICTIONS.

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

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Carter Day Baghouse #2 rated at 25,000 CFM controls particulate matter emissions from the following woodworking areas:

Rip Saw
 Crosscut Saw
 3rd Face Saw
 Edgebander A-Side
 Edgebander B-Side
 Grinder Transport 2
 CD 5 Transport

**SECTION D. Source Level Requirements**

Source ID: C41

Source Name: CARTER DAY BAGHOUSE 3

Source Capacity/Throughput:

N/A

DUST

Conditions for this source occur in the following groups: GROUP 5

I. RESTRICTIONS.

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

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Carter Day Baghouse #3 rated at 25,000 CFM controls particulate matter emissions from the following woodworking areas:

Plastic Saw/Holzma
Schiele
Belt Sander/Tables
Homag 230

**SECTION D. Source Level Requirements**

Source ID: C51

Source Name: CARTER DAY BAGHOUSE 5

Source Capacity/Throughput:

N/A

DUST

Conditions for this source occur in the following groups: GROUP 5

I. RESTRICTIONS.

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

VII. ADDITIONAL REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Carter Day #5 Baghouse, manufactured by Donaldson Torit, rated at 35,000 CFM controls particulate matter emissions from the following woodworking areas:

Baz 4
Baz 5
Baz 6
Homag 7
BP-155

**SECTION D. Source Level Requirements**

Source ID: C52

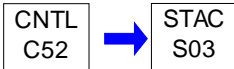
Source Name: CARTER DAY BAGHOUSE 6

Source Capacity/Throughput:

N/A

DUST

Conditions for this source occur in the following groups: GROUP 5

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Particulate Matter (PM) emissions from the baghouse shall not exceed 2 pounds per hour or 8.76 tons per year on a twelve (12) month rolling basis.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall calculate the emissions monthly and on a twelve (12) month rolling basis.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the emissions calculations monthly and on a twelve (12) month rolling basis

V. REPORTING REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source is a cyclonic fabric filter manufactured by Torit/Donaldson, Model # 376 RFW8KD.

Carter Day #6 baghouse rated at 35,000 CFM controls particulate matter from the following woodworking areas:

BRI Line
Driltech H-600



SECTION D. Source Level Requirements

Brema Vector

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 1

Group Description: BOILERS

Sources included in this group

ID	Name
031	TWO SUPERIOR BOILERS
034	TWO CLEAVER BROOKS BOILERS

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

The permittee may not permit the emission into the outdoor atmosphere of particulate matter from this source in excess of the rate of 0.4 pound per million Btu of heat input.

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

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from any combustion unit, in the Southeast Air Basin, in excess of 1.2 pounds per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1), for the outer zone.

[The method of compliance for the requirements of 25 Pa. Code § 123.22 is the proper use of fuels as approved herein.]

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the fuel usage monthly.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the monthly fuel usage for this source.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa.Code Section 129.93]

The permittee shall operate and maintain this source in accordance with manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 2

Group Description: Spray Booths - Related to Metal Furniture Surface Coatings

Sources included in this group

ID	Name
200	200 SERIES SPRAY BOOTH
500	500 SERIES SPRAY BOOTHS
509	509B SPRAY BOOTH

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the particulate matter emissions from each spray booth to 0.02 gr/dscf.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the following for this source and the particulate filters associated with this source:

- (a) inspections performed,
- (b) maintenance performed (including when filters are replaced),
- (c) any deficiencies, and
- (d) any corrective actions taken.

[This condition supersedes and assures compliance with equivalent RACT requirements for Source ID 200 and Source ID 500.]

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the pressure differential across the particulate filters associated with this source on a weekly basis, when the spray booth is in operation.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall implement an inspection and maintenance plan for the particulate filters associated with this source, including, but not limited to the following:

- (a) The permittee shall keep spare filters on hand for replacement.
- (b) The permittee shall replace filters as needed.
- (c) The permittee shall inspect the air pollution control device for proper operation.

**SECTION E. Source Group Restrictions.**

(d) The permittee shall generally observe that the equipment is maintained in good operating condition.

[This condition supersedes and assures compliance with equivalent RACT requirements for Source ID 200 and Source ID 500.]

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate this source only when the associated particulate filters are operating properly.

[This condition supersedes and assures compliance with equivalent RACT requirements for Source ID 200 and Source ID 500.]

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 3

Group Description: Surface Coating Regulations - Metal Furniture

Sources included in this group

ID	Name
200	200 SERIES SPRAY BOOTH
500	500 SERIES SPRAY BOOTHS
509	509B SPRAY BOOTH

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §129.52a]****Control of VOC emissions from large appliance and metal furniture surface coating processes.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91-95.]

(a) The permittee shall not cause or permit the emission into the outdoor atmosphere of VOCs from the metal furniture surface coating process, except as provided elsewhere in 25 Pa. Code § 129.52a, unless the VOC content of each as applied coating is equal to or less than the applicable limit specified in Table II of 25 Pa. Code § 129.52a.

(b) Table II Emission Limits of VOCs for Metal Furniture Surface Coatings:

General, One Component (baked or air dried): 0.40 kg/l (3.34 lb/gal)
 General, Multi-Component (baked): 0.40 kg/l (3.34 lb/gal)
 General, Multi-Component (air-dried): 0.55 kg/l (4.62 lb/gal)
 Extreme High Gloss (baked): 0.61 kg/l (5.06 lb/gal)
 Extreme High Gloss (air dried): 0.55 kg/l (4.62 lb/gal)
 Extreme Performance (baked or air dried): 0.61 kg/l (5.06 lb/gal)
 Heat Resistant (baked or air dried): 0.61 kg/l (5.06 lb/gal)
 Metallic (baked or air dried): 0.61 kg/l (5.06 lb/gal)
 Pretreatment (baked or air dried): 0.61 kg/l (5.06 lb/gal)
 Solar Absorbent (baked or air dried): 0.61 kg/l (5.06 lb/gal)

[The requirements of 25 Pa. Code § 129.52a supersede the requirements of 25 Pa. Code § 129.52.]

(c) The VOC coating content limits in 25 Pa. Code § 129.52a Table I and Table II do not apply to coatings and coating operations that are exempt pursuant to 25 Pa. Code § 129.52a(g). Exemptions include, but are not limited to:

- (1) Touch-up and repair coatings
- (2) Coating applications using hand-held aerosol cans.

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall use data from Certified Product Data Sheets (CPDS) or Safety Data Sheets (SDS) to determine the VOC and HAP content of as-applied coatings and cleaning solvents applied at this source and to calculate VOC and HAP emissions from this source.

(b) As an alternative to the CPDS and SDS, the permittee may conduct sampling and testing in accordance with the procedures and test methods specified in Chapter 139 (relating to sampling and testing), including USEPA Test Method 24 to determine the VOC and HAP content of the coatings and cleaning solvents applied at this source.

003 [25 Pa. Code §129.52a]**Control of VOC emissions from large appliance and metal furniture surface coating processes.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91-95.]

Sampling and testing shall be done in accordance with the procedures and test methods specified in Chapter 139 (relating to sampling and testing).

**SECTION E. Source Group Restrictions.**

[The requirements of 25 Pa. Code § 129.52a supersede the requirements of 25 Pa. Code § 129.52.]

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §129.52a]****Control of VOC emissions from large appliance and metal furniture surface coating processes.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91-95.]

The permittee shall calculate the VOC content of the as applied coating, expressed in units of weight of VOC per volume of coating solids, as follows:

$$\text{VOC} = (\text{Wo})(\text{Dc})/\text{Vn}$$

Where:

VOC = VOC content in lb VOC/gal of coating solids

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

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

Ww = Weight percent of water

Wex = Weight percent of exempt solvent(s)

Dc = Density of coating, lb/gal, at 25° C

Vn = Volume percent of solids of the as applied coating

[The requirements of 25 Pa. Code § 129.52a supersede the requirements of 25 Pa. Code § 129.52.]

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

(a) The permittee shall maintain records of the CPDS and SDS or data from any alternate Department approved methods.

(b) The permittee shall calculate and record the VOC emissions from metal furniture surface coating operations, including related cleaning activities, on a monthly basis, including 12-month rolling sums.

006 [25 Pa. Code §129.52a]**Control of VOC emissions from large appliance and metal furniture surface coating processes.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91-95.]

The permittee shall maintain records sufficient to demonstrate compliance with 25 Pa. Code § 129.52a. At a minimum, the permittee shall maintain daily records of:

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

(1) Name and identification number.

(2) Volume used.

(3) Mix ratio.

(4) Density or specific gravity.

(5) Weight percent of total volatiles, water, solids and exempt solvents.

(6) Volume percent of solids for each Table I or Table II coating used in the surface coating process.

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

(c) The VOC content of each as applied coating or cleaning solvent.

[The requirements of 25 Pa. Code § 129.52a supersede the requirements of 25 Pa. Code § 129.52.]

**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 (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 007 [25 Pa. Code §129.52a]****Control of VOC emissions from large appliance and metal furniture surface coating processes.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91-95.]

The permittee shall not cause or permit the emission into the outdoor atmosphere of VOCs from the application of metal furniture surface coatings, unless the coatings are applied using one or more of the following coating application methods:

- (a) Electrostatic coating.
- (b) Roller coating.
- (c) Flow coating.
- (d) Dip coating, including electrodeposition.
- (e) High volume-low pressure (HVLP) spray.
- (f) Brush coating.
- (g) Other coating application method, if approved in writing by the Department prior to use.

(1) The coating application method must be capable of achieving a transfer efficiency equivalent to or better than that achieved by the methods listed in paragraphs (a)—(f).

(2) The request for approval must be submitted in writing.

[The requirements of 25 Pa. Code § 129.52a supersede the requirements of 25 Pa. Code § 129.52.]

008 [25 Pa. Code §129.52a]**Control of VOC emissions from large appliance and metal furniture surface coating processes.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91-95.]

The permittee shall comply with the following work practices for surface coating-related activities:

- (a) Store all VOC-containing coatings, thinners and coating-related waste materials in closed containers.
- (b) Ensure that mixing and storage containers used for VOC-containing coatings, thinners and coating-related waste materials are kept closed at all times except when depositing or removing these materials.
- (c) Minimize spills of VOC-containing coatings, thinners and coating-related waste materials and clean up spills immediately.
- (d) Convey VOC-containing coatings, thinners and coating-related waste materials from one location to another in closed containers or pipes.

[The requirements of 25 Pa. Code § 129.52a supersede the requirements of 25 Pa. Code § 129.52.]

009 [25 Pa. Code §129.52a]**Control of VOC emissions from large appliance and metal furniture surface coating processes.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91-95.]

The permittee shall comply with the following work practices for surface coating cleaning materials:

- (a) Store all VOC-containing cleaning materials and used shop towels in closed containers.
- (b) Ensure that mixing and storage containers used for VOC-containing cleaning materials are kept closed at all times except when depositing or removing these materials.
- (c) Minimize spills of VOC-containing cleaning materials and clean up spills immediately.

**SECTION E. Source Group Restrictions.**

(d) Convey VOC-containing cleaning materials from one location to another in closed containers or pipes.

(e) Minimize VOC emissions from cleaning of storage, mixing and conveying equipment.

[The requirements of 25 Pa. Code § 129.52a supersede the requirements of 25 Pa. Code § 129.52.]

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 4

Group Description: Surface Coating Regulations - Wood Furniture

Sources included in this group

ID	Name
200	200 SERIES SPRAY BOOTH
500	500 SERIES SPRAY BOOTHS
509	509B SPRAY BOOTH

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall use data from Certified Product Data Sheets (CPDS) or Safety Data Sheets (SDS) to determine the VOC and HAP content of as-applied inks, coatings, and other components applied at this source and to calculate VOC and HAP emissions from this source.

(b) As an alternative to the CPDS and SDS, the permittee may conduct sampling and testing in accordance with the procedures and test methods specified in Chapter 139 (relating to sampling and testing), including USEPA Test Method 24 to determine the VOC and HAP content of the inks/coatings/other components applied at this source.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall maintain records of the CPDS and SDS or data from any alternate Department approved methods.

(b) The permittee shall calculate and record the VOC emissions from wood furniture surface coating operations on a monthly basis, including 12-month rolling sums.

003 [25 Pa. Code §129.52]**Surface coating processes**

(a) At a minimum, the permittee shall maintain daily records of the following parameters for each coating, thinner and other component as supplied (associated with wood furniture, including coatings used exclusively for product quality and commercial acceptance, touch-up and repair and other small quantity coatings):

- (1) The coating, thinner or component name and identification number.
- (2) The volume used.
- (3) The mix ratio.
- (4) The density or specific gravity.
- (5) The weight percent of total volatiles, water, solids and exempt solvents.

(b) The permittee shall maintain daily records of the VOC content of each coating, thinner and other component as supplied.

(c) The permittee shall maintain daily records of the VOC content of each as applied coating.

V. REPORTING REQUIREMENTS.

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

**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 (State Only General Requirements).

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Restrictions.**

Group Name: GROUP 5

Group Description: Baghouses Associated with Woodworking Area (Source ID 400)

Sources included in this group

ID	Name
C08	CARTER DAY BAGHOUSE 1
C30	CARTER DAY BAGHOUSE 2
C41	CARTER DAY BAGHOUSE 3
C51	CARTER DAY BAGHOUSE 5
C52	CARTER DAY BAGHOUSE 6

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the pressure drop across this baghouse once per day, when in operation.

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the pressure drop readings across this baghouse, once per day, when in operation.

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

The permittee shall keep records of the following for each baghouse associated with Source ID 400:

- (a) inspections performed,
- (b) maintenance performed (including when filters are replaced),
- (c) any deficiencies, and
- (d) any corrective actions taken.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall keep available a sufficient quantity of spare fabric collector bags.
- (b) The permittee shall immediately replace any bags due to deterioration resulting from routine operation.
- (c) The baghouse shall be equipped with a pressure drop gauge to indicate the pressure drop across the baghouse filters.

005 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

- (a) The permittee shall maintain pressure drop range of 0.4 to 5.0 inches water gauge for the baghouse associated with this source.

**SECTION E. Source Group Restrictions.**

(b) The following preventive maintenance shall be performed on each baghouse:

- (1) Daily, visually check the condition of outside piping and blowers.
- (2) Monthly, check the blower for general condition, unusual noises, and belt condition.
- (3) Semi-monthly, inspect and refurbish bag blowdown mechanism.
- (4) Annually, inspect filter bags, and cages, and repair it if found damaged.
- (5) Follow Manufacturer's specifications for maintenance.

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Descriptor		Emission Limit	Pollutant
031	TWO SUPERIOR BOILERS			
	0.400	Lbs/MMBTU		PM10
	1.200	Lbs/MMBTU		SOX
034	TWO CLEAVER BROOKS BOILERS			
	0.400	Lbs/MMBTU		PM10
	1.200	Lbs/MMBTU		SOX
200	200 SERIES SPRAY BOOTH			
	0.020	gr/DRY FT3		PM10
400	WOODWORKING AREAS			
	0.040	gr/DRY FT3		PM10
518	PLAFORIZATION & BAKE OVENS			
	0.040	gr/DRY FT3		TSP
524	FLUIDIZED BED BURNER & CYCLONE			
	0.020	gr/DRY FT3		PM10
	25.000	Tons/Yr	Rolling Sum	VOC
531	EXEMPT EMERGENCY ENGINES			
	2.750	Tons/Yr	Ozone Season	NOX
	6.600	Tons/Yr	12-month rolling	NOX
	100.000	Lbs/Hr		NOX
	1,000.000	Lbs/Day		NOX
	500.000	PPMV	Each generator	SOX
	0.040	gr/DRY FT3	Each generator	TSP
C51	CARTER DAY BAGHOUSE 5			
	0.020	gr/DRY FT3		PM10
C52	CARTER DAY BAGHOUSE 6			
	2.000	Lbs/Hr		PM10
	8.760	Tons/Yr	12 month rolling	PM10

**SECTION G. Emission Restriction Summary.****Site Emission Restriction Summary**

Emission Limit		Pollutant
24.900 Tons/Yr	12-Month Rolling Sum, Calculated Monthly	NOX
24.900 Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOC
9.900 Tons/Yr	Single HAP, 12-Month Rolling Sum, Calculated Monthly	Hazardous Air Pollutants
24.900 Tons/Yr	Combined HAPs, 12-Month Rolling Sum, Calculated Monthly	Hazardous Air Pollutants

**SECTION H. Miscellaneous.**

(a) The Department has determined that the following sources are insignificant sources of air pollutants. They are still subject to any other Federal, State, or local laws that may apply including General and Site Level Conditions of this operating permit.

- (1) DEP ID#102: Metal Shop Grinding.
- (2) DEP ID#103: Metal Shop Polishing.
- (3) DEP ID#526: Welding Operations.
- (4) Unit 2702 - Dm Mount, 30 gallon aqueous based degreaser, using non-solvent compound (Mirachem 500 Aqueous).
- (5) Second aqueous based remote reservoir cold cleaning machine (one is located outside of the lube and maintenance shop area, the other is located in the woodshop maintenance area).
- (6) Ecophor B/700 Solvent used in the Plaforization System - negligible VOC emissions, less than 1.0 tpy.
- (7) Electric fire pump engine located in the pump house.
- (8) Powder Coating Operations - material does not contain VOC, and is not subject to the requirements of 25 Pa. Code § 129.52a.

(b) The following previously issued plan approvals and operating permits serve as the basis for certain terms and conditions in this Renewal Title V Operating Permit:

- (1) RACT Permit OP-46-0014
- (2) PA-46-0014A
- (3) 46-323-017
- (4) 46-326-001
- (5) 46-318-047
- (6) 46-326-001A
- (7) TVOP-46-00014 issued 01/14/04
- (8) SMOP No. 46-00014 issued 08/03/2017

(c) List of RFDs associated with this facility:

- 9282 (07/08/2021) – Aluminum and Plastic Saw with cyclone – exhausts indoors
- 8371 (04/16/2020) – Roll Coater – adhesives used
- 8356 (03/26/2020) – Edge Hardening – adhesive used
- 6642 (10/31/2017) – Wood Chipper Cyclone – no exhaust points
- 4714 (10/17/2014) – 150 kW NG EGEN (never installed)
- 4422 (07/01/2014) – Adhesive to be used in woodworking (540 – edge bander)
- 3624 (05/09/2013) – Replace 410 saw
- 3091 (07/26/2012) – Replace 518 oven
- 1198 (12/10/2009) – Replace ovens/heaters
- 599 (09/24/2008) – Upgrade spray booth controls
- 496 (07/10/2008) – Spray booth consolidation project
- 406 (05/06/2008) – Replace 524 bed
- 270 (01/07/2008) – Plaforization process

(d) Administrative Amendment (APS 345486; AUTH ID 475542) addresses the following items:

(1) Incorporate the PA 46-0014B (formerly PA 46-0115). The Plan Approval is for a metal and plastic saw which vents to cyclone when in operation.

(2) Incorporate PA 46-00014C, formerly 46-00115C for the Carter Day Baghouse No.6 to control the emissions from the Finish Sanding Area (Source 521).

(3) In addition, the following changes have been made:

- (i) Replace the old 25 Pa. Code 129.52 (Surface Coating processes) requirements with the new 25 Pa. Code 129.52.
- (ii) Add 25 Pa. Code §§ 129.101 - 106, Wood Furniture Manufacturing Operations, with reference to 40 CFR Part 63 Subpart JJ, National Emission Standards for Wood Furniture Manufacturing Operations to Source 411, wood furniture Manufacturing Operations
- (iii) Add 25 Pa. Code § 123.13, Particulate Matter Emissions for processes, 25 Pa. Code §123.31, Sulfur Oxide Emissions for processes to the following sources 035, 037, 038, and 528
- (iv) Add 25 Pa. Code 123.22, Sulfur Oxides Emission for Combustion Sources to the following sources, 031, and 034
- (v) Add the tiered Monitoring requirement to Section C

**SECTION H. Miscellaneous.**

- (vi) The incinerator, Source 001, was removed from the permit as it was deactivated in March 2002.
- (e) TVOP Renewal 46-00014, APS#555619 Auth #595827.
- (f) An Administrative Amendment is being processed under APS No. 654822, AUTH No. 739292 to update and correct source information, clarify sources for AIMS reporting, add two additional sources to the permit, and to incorporate plan approval 46-0014F.
- (g) TVOP Renewal 46-00014, APS # 654822, Auth # 834303.
- (h) TVOP Modification 46-00014, APS # 654822, Auth # 865878.
- (i) State Only Operating Permit: APS No. 654822; AUTH No. 1166812 was issued in August 2017. The requirements of 25 Pa. Code § 129.101-106 are no longer applicable and have been removed from the permit at this time. The Synthetic Minor Operating Permit caps facility-wide VOC PTE to less than 25 tons per year. Primary and Secondary Responsible Officials were updated on 02/07/2020.
- (j) Administrative Amendment (AUTH ID 1381398) incorporates terms and conditions of Plan Approval No. 46-0014G which is for the installation of Source ID 413 (Plastic and Metal Saw) and the removal of Source ID 412 (Plastic and Metal Saw). The new saw exhausts to the existing cyclone (C412). The responsible official has been updated to Benjamin Vanderhoof (VP Manufacturing) and the permit contact has been updated to Buck Johnson (EHS Manager).
- (k) SMOP Renewal (AUTH ID 1386073) the following updates are addressed with the renewal permit:
- (1) The Responsible Official has been updated from Mr. Benjamin Vanderhoof, VP of Manufacturing to Ms. Lauren Miller, Global EHS Director.
 - (2) Elective Restriction and associated recordkeeping have been added to Section C to escape the requirements of 40 CFR Part 60 Subpart EE.
 - (3) Knoll uses less than 50 gallons of coating for wood furniture surface coating operations. Reference to an equivalency method for compliance with wood furniture surface coating requirements has been removed from Section C. The 80% reduction conditions applicable to wood furniture surface coating operations have been removed from Section D (Source IDs 200, 500, 509).
 - (4) Propane is no longer used and has been removed from the permit
 - (5) All air make-up units have been removed; one (1) steam-heated unit remains and is considered an insignificant source of emissions
 - (6) Source ID 400 - Changes to control configuration
 - (7) Source ID 500 - various spray booths removed, only two (2) remain, natural gas ovens removed
 - (8) Source ID 509 - one (1) booth remains, others removed
 - (9) Source ID 525 - removed, VOC and HAP material no longer used
 - (10) Source ID 530 - removed, requirements streamlined per source
 - (11) Source ID 531 - three (3) engines removed, the 500 kW EGEN and the 100 kW EGEN remain
 - (12) Source ID 533 - Adhesive regulation 25 Pa. Code § 129.77 included as applicable
 - (13) Standard work practice requirements and associated recordkeeping have been added to the particulate matter filters in place for the spray booths (Group 2 - Source IDs 200, 500, 509)
 - (14) Source Groups in Section E have been reorganized for clarity and consistency
 - (15) The requirements of 40 CFR Part 63 Subpart ZZZZ have been applied to engines listed in Source ID 531
 - (16) Facility-wide NOx synthetic minor emission limit added to Section C
 - (17) Wood Furniture NESHAP 40 CFR Part 63 Subpart JJ has been removed from the permit because the facility is not a major source
 - (18) 25 Pa. Code § 129.52a for metal furniture supersedes surface coating regulation 25 Pa. Code § 129.52 (Group 3)
 - (19) Sulfur content requirements for fuel oil-fired boilers pursuant to 25 Pa. Code § 123.22 updated
 - (20) Two (2) aqueous parts washers are listed in (a) above
 - (21) Powder coating operations is listed in (a) above
 - (22) RFDs now listed in (c) above.



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