



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: September 25, 2019

Effective Date: October 1, 2019

Expiration Date: September 30, 2024

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: 23-00035

Synthetic Minor

Federal Tax Id - Plant Code: 23-1928034-1

Owner Information

Name: COMMLIGHT & SOUND INC

Mailing Address: 333 E 5TH ST  
CHESTER, PA 19013-4511

Plant Information

Plant: COMMLIGHT & SOUND/CHESTER

Location: 23 Delaware County 23001 Chester City

SIC Code: 3651 Manufacturing - Household Audio And Video Equipment

Responsible Official

Name: BRUCE HOWZE

Title: PRES

Phone: (610) 876 - 3400

Permit Contact Person

Name: KEVIN MCCONLOGUE

Title: DIR OF PRODUCTION

Phone: (610) 876 - 3400

[Signature] \_\_\_\_\_

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



## SECTION A. Table of Contents

### Section A. Facility/Source Identification

Table of Contents  
Site Inventory List

### Section B. General State Only Requirements

- #001 Definitions.
- #002 Operating Permit Duration.
- #003 Permit Renewal.
- #004 Operating Permit Fees under Subchapter I.
- #005 Transfer of Operating Permits.
- #006 Inspection and Entry.
- #007 Compliance Requirements.
- #008 Need to Halt or Reduce Activity Not a Defense.
- #009 Duty to Provide Information.
- #010 Revising an Operating Permit for Cause.
- #011 Operating Permit Modifications
- #012 Severability Clause.
- #013 De Minimis Emission Increases.
- #014 Operational Flexibility.
- #015 Reactivation
- #016 Health Risk-based Emission Standards and Operating Practice Requirements.
- #017 Circumvention.
- #018 Reporting Requirements.
- #019 Sampling, Testing and Monitoring Procedures.
- #020 Recordkeeping.
- #021 Property Rights.
- #022 Alternative Operating Scenarios.

### Section C. Site Level State Only Requirements

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

### Section D. Source Level State Only Requirements

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

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

### Section E. Alternative Operating Scenario(s)

- E-I: Restrictions
- E-II: Testing Requirements
- E-III: Monitoring Requirements



## **SECTION A. Table of Contents**

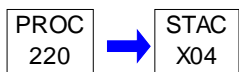
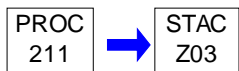
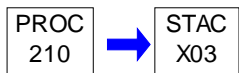
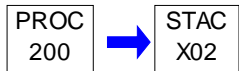
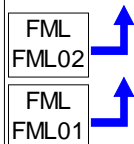
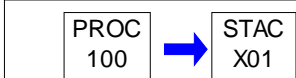
- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

## **Section F. Emission Restriction Summary**

## **Section G. Miscellaneous**

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
100	SPACE HEATERS (36) (COMB RATED CAP ~ 2.44 MMBTU/HR)	4.150 MCF/HR	Natural Gas
200	TUFCOAT SPRAY BOOTH	N/A	WATER BASED LATEX CC
210	SLS SPRAY PAINT BOOTH	N/A	WATER-BASED LATEX PA
211	SLS DRYING ROOM	120.000 CF/HR	Natural Gas
220	GEL COAT BOOTHS (5)	N/A	GEL COAT
230	SANDING BOOTH	N/A	WOOD/FIBERGLASS DUS
250	SPRAY PAINT BOOTH 3	N/A	WATER BASED LATEX PA
300	FIBERGLASS SPEAKER CABINET PRODUCT AREA	N/A	STYRENE/RESIN LAMINA
		N/A	FIBERGLASS
400	WOOD MACHINING AREA	N/A	WOOD
C02	INTERNALLY VENTING DUST COLLECTOR		
FML01	NATURAL GAS PIPELINE (333 E. 5TH ST.)		
FML02	NATURAL GAS PIPELINE (401 E. 5TH ST.)		
W01	SANDING BOOTH STACK		
W02	FIBERGLASS SPEAKER CABINET PROD AREA STK		
X01	SPACE HEATER STACKS		
X02	TUFCOAT SPRAY BOOTH STACK		
X03	SLS SPRAY PAINT BOOTH STACK		
X04	GEL COAT BOOTH STACKS		
X250	SPRAY PAINT BOOTH 3 STACK		
Z03	SLS DRYING ROOM FUGITIVE EMISSIONS		

**PERMIT MAPS**

**PERMIT MAPS**

PROC 230	➔	STAC W01
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PROC 250	➔	STAC X250
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PROC 300	➔	STAC W02
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PROC 400	➔	CNTL C02
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**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)&(c)]****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 and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (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 fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
  - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,

**SECTION B. General State Only Requirements**

modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

**#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

**SECTION B. General State Only Requirements**

a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued 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]****Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and



**SECTION B. General State Only Requirements**

significant operating permit modifications, under this permit, as outlined below:

(b) Administrative Amendments. The permittee shall make 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 make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

**#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<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> 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 PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> 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 C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person shall permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. § 4003).

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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (8) Coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in § § 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations).
- (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; and
  - (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

The permittee shall not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1-9) (relating to prohibition of certain fugitive emissions), if such emissions are visible at the point the emissions pass outside the person's property.

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

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

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

The permittee shall 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:

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

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §123.42]****Exceptions**

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

- (a) When the presence of uncombined water is the only reason for failure to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions).

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

- (a). The permittee shall limit the combined volatile organic compounds (VOCs) and Hazardous Air Pollutants (HAPs) emissions from this facility to less than 24.9 tons per year, calculated on a 12-month rolling sum.
- (b). The permittee shall limit the individual HAP emissions from this facility to less than 9.9 tons per year and the combined HAP emissions to less than 24.9 tons per year calculated on a 12 - month rolling sum.

[Compliance with condition (b) above ensures the facility's exemption from 40 C.F.R. Part 63 Subpart JJ and WWWW].

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

The permittee shall not permit the open burning of material except the following:

- (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 in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation;
- (e) a fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure;
- (f) a fire set solely for recreational or ceremonial purposes; or
- (g) a fire set solely for cooking food.

**II. TESTING REQUIREMENTS.****# 009 [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(s) listed in Sections A or G, of this permit, may be in excess of the limitations specified in this 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, when applicable, and

**SECTION C. Site Level Requirements**

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

Visible emissions shall be measured using either of the following:

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

**# 011 [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).
  - (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 of decreasing the monitoring frequency to weekly for the next six month period.
- (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, complaints, monitoring results, and/or Department findings.

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

The permittee shall calculate the total combined VOC and HAP emissions from the facility monthly and on a 12-month rolling sum.

The permittee shall calculate the individual HAP emissions and the combined HAP emissions from the facility monthly and on a 12-month rolling sum.

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

The permittee shall keep records 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.

**SECTION C. Site Level Requirements****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the total combined VOC and HAP emissions from the facility monthly and on a 12-month rolling sum.

The permittee shall keep records of the individual HAP emissions and the combined HAP emissions from the facility monthly and on a 12-month rolling sum.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

All records, reports, and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with Condition # 020(b), Section B, of this permit, and shall be made available to the Department upon written or verbal request within a reasonable time.

**V. REPORTING REQUIREMENTS.****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, at (484) 250-5920, of any malfunction(s) of the sources or associated air pollution control devices listed in Sections A or G, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or regulation contained in 25 Pa. Code Article III.

(b) Any malfunction(s) which occurs at this facility, and poses an imminent danger to public health, safety, welfare, and the environment, and would violate permit conditions if the source(s) were to continue to operate after the malfunction(s), shall immediately be reported to the Department by telephone at the above number.

(c) A written report shall be submitted to the Department within 2 working days following the notification of the incident, and shall describe, at a minimum, the following:

- (1) The malfunction(s).
- (2) The emission(s).
- (3) The duration.
- (4) Any corrective action taken.

**# 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).

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



**SECTION C. Site Level Requirements**

(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 perform either of the following:

(1) Register and submit the RMP or a revised plan pursuant to 40 C.F.R. Part 68.

(2) Submit a compliance schedule or include a statement in an annual compliance certification for the previous year indicating compliance with the requirements of the terms and conditions of this permit and the requirements of Section 112(r) of the Clean Air Act, 40 C.F.R. Part 68, and 25 Pa. Code § 127.512(i).

(i) The compliance certification shall include the following:

(A) The identification of each term or condition of the permit that is the basis of the certification.

(B) The compliance status.

(C) The methods used for determining the compliance status of the source, currently and over the reporting period.

(D) Whether compliance was continuous or intermittent.

(ii) The compliance certification should be postmarked or hand-delivered within 30 days of each anniversary date of the date of issuance of this permit.

**VI. WORK PRACTICE REQUIREMENTS.**

**# 018 [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:

**SECTION C. Site Level Requirements**

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

**# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

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.

**# 020 [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 an 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 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.

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

The permittee shall ensure that the sources and air pollution control devices listed in Sections A and G, of this permit, are operated and maintained in a manner consistent with good air pollution control practices and according to the manufacturer's specifications. The practices shall include, but not limited to, the following:

- (a) Good housekeeping procedures for the storage, use, and disposal of solvents.
- (b) Keeping solvent containers closed when not in use.
- (c) Keeping all solvent-laden shop towels in closed containers when not in use.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 129.101 - 129.107.]

If the potential or actual emissions of VOCs from the wood furniture manufacturing operations at this facility increase to be equal to or greater than 25 tons/yr, the permittee shall comply with 25 Pa. Code §§ 129.101 - 129.107 within one year.

**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**

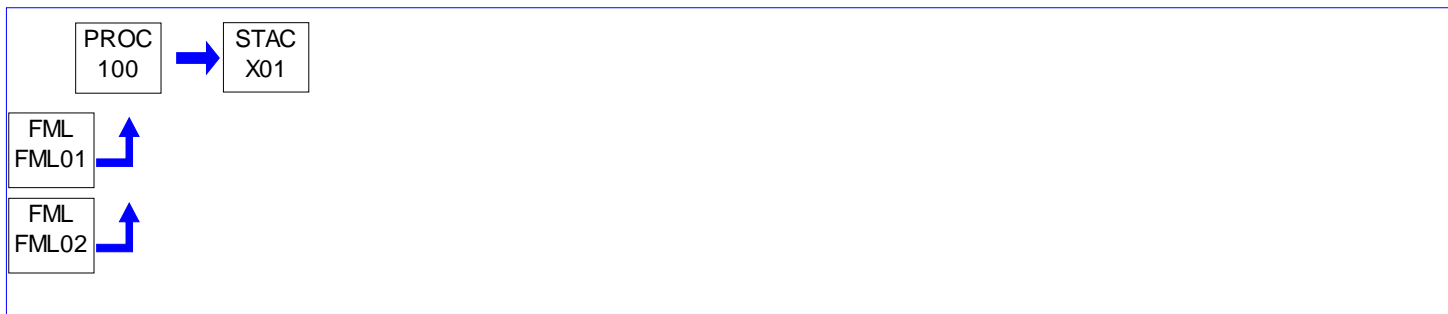
Source ID: 100

Source Name: SPACE HEATERS (36) (COMB RATED CAP ~ 2.44 MMBTU/HR)

Source Capacity/Throughput:

4.150 MCF/HR

Natural Gas

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

# 001 [25 Pa. Code §123.21]

**General**

The permittee shall ensure that emission into the outdoor atmosphere of sulfur oxides from each of these space heaters associated with this Source ID, occurs in such a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas does not exceed 500 ppmv, dry basis.

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall only use natural gas in the operation of the space heaters associated with this Source ID.

**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 total amount of fuel consumed by this source on a monthly basis, calculated using a Department-approved method.

**IV. RECORDKEEPING REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall maintain records of the total amount of fuel consumed by this source on a monthly basis, calculated using a Department-approved method.

**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.**

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

**SECTION D. Source Level Requirements**

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source grouping consists of 36 natural gas-fired space heaters:

Location	Manufacturer	Model No.	Rated Heat Input	Quantity
333 E. 5th St., 1st Floor	Dayton	3E254E	150,000 Btu/hr	1
333 E. 5th St., 1st Floor	Dayton	4E454	30,000 Btu/hr	1
333 E. 5th St., 1st Floor	Dayton	4LX44	45,000 Btu/hr	1
333 E. 5th St., 1st Floor	Dayton	4XL56	150,000 Btu/hr	1
333 E. 5th St., 2nd Floor	Comfort Glow	3ZK33	18,000 Btu/hr	1
333 E. 5th St., 2nd Floor	Comfort Glow	CGR18NT	18,000 Btu/hr	1
333 E. 5th St., 2nd Floor	Dayton	4E454	30,000 Btu/hr	1
333 E. 5th St., 2nd Floor	Dayton	4E455	60,000 Btu/hr	1
333 E. 5th St., 2nd Floor	Dayton	4E457	100,000 Btu/hr	1
333 E. 5th St., 2nd Floor	Dayton	4LX50	90,000 Btu/hr	2
333 E. 5th St., 2nd Floor	Dayton	4LX44	45,000 Btu/hr	1
333 E. 5th St., 3rd Floor	Dayton	3E404	60,000 Btu/hr	1
333 E. 5th St., 3rd Floor	Dayton	4E457A	100,000 Btu/hr	2
333 E. 5th St., 3rd Floor	Dayton	4E458A	150,000 Btu/hr	1
333 E. 5th St., 4th Floor	Dayton	4LX50	90,000 Btu/hr	2
333 E. 5th St., 4th Floor	Dayton	3E229	125,000 Btu/hr	1
333 E. 5th St., 4th Floor	Dayton	4LX48	75,000 Btu/hr	1
333 E. 5th St., 4th Floor	Dayton	4E456	75,000 Btu/hr	1
333 E. 5th St., 4th Floor	Dayton	4E457	100,000 Btu/hr	2
333 E. 5th St., 5th Floor	Dayton	4LX50	90,000 Btu/hr	1
333 E. 5th St., 5th Floor	Modine	PSH130SF0108	130,000 Btu/hr	1
333 E. 5th St., 5th Floor	Modine	PSH225SF0130	225,000 Btu/hr	1
333 E. 5th St., 5th Floor	Modine	PSH225SF0108	225,000 Btu/hr	1
401 E. 5th St.	Trane	GPND015ADD2000AC	150,000 Btu/hr	7
333 E. 5th St., 3rd Floor	Dayton	4LX44	45,000 Btu/hr	1
333 E. 5th St., 3rd Floor	Dayton	4LX48	75,000 Btu/hr	1

**SECTION D. Source Level Requirements**

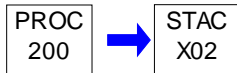
Source ID: 200

Source Name: TUFCOAT SPRAY BOOTH

Source Capacity/Throughput:

N/A

WATER BASED LATEX COATING

**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.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443, 129.52 and 40 CFR part 60, Appendix A.]

(a) The permittee shall test their coating(s), as applied for the following, in accordance with Method 24, as specified in 40 CFR Part 60, Appendix A:

- (1) volatile matter content;
- (2) water content;
- (3) density;
- (4) volume solids; and
- (5) weight solids.

(b) The permittee shall test each coating for each delivery, except those that are delivered having the same lot or batch number that have been previously tested.

(c) The above testing requirements shall be waived if the permittee can demonstrate compliance with any of the following:

- (1) a statement from the supplier that EPA Method 24 was used,
- (2) a Certified Product Data Sheet (CPDS) is received from the supplier, or
- (3) a SDS (the upper bound) is used.

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

Once per operating day, the permittee shall monitor the static pressure differential across each set of exhaust filters used in this TufCoat spray booth.

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

The permittee shall keep records of the daily inspections performed on the exhaust filters to ensure there are no gaps and/or holes.

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

The permittee shall keep records of the dates that the exhaust filters of this TufCoat spray booth are replaced.

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

Once per operating day, the permittee shall keep records of the static pressure differential across each set of exhaust filters used in this TufCoat spray booth.

**# 006 [25 Pa. Code §129.52]****Surface coating processes**

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

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

- (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; and
- (6) the volume percent of solids for Table I surface coating process categories 1--10.

(b) the VOC content of each coating, thinner and other component as supplied;

(c) the VOC content of each as applied coating;

(d) daily clean-up solvents usage, and its VOC content and solvent density; and

The records required above, shall be recorded and maintained in a format and time frame consistent with, and approved by, the Department.

**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 §127.441]****Operating permit terms and conditions.**

(a) The permittee shall use only compliant coatings.

(b) Compliant coatings, as defined in 25 Pa. Code Section 121.1, are coatings that meet the applicable emission limits specified in Chapter 129 (relating to standards for sources)

(c) Compliance with 25 Pa. Code § 129.52 (weight of the VOC per gallon of coating solids) may be demonstrated through certification from the supplier showing that EPA Method 24, as specified in 40 CFR part 60, Appendix A, was used to test the coating. In the event that proper documentation is not obtained, the permittee shall perform testing in accordance with Condition #001, of this Section, for this spray booth.

(d) If the proper testing has been demonstrated, and the coating is altered prior to use with a VOC-containing thinner, the permittee shall perform calculations to demonstrate that compliance is still maintained with the, as applied, compliant coating limit stated above, or shall retest the coating in accordance with Condition #001, of this Section, for this source.

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

The permittee shall operate and maintain this TufCoat spray booth in a manner consistent with good air pollution control

**SECTION D. Source Level Requirements**

practices. The practices shall include, but not be limited to, the following:

- (a) Good housekeeping procedures for the storage, use, and disposal of spray booth materials.
- (b) Keeping spray booth material containers closed when not in use.
- (c) Keeping all spray booth material-laden shop towels in closed containers when not in use.

**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

Unless the facility becomes subject to 25 Pa. Code §§ 129.101 - 129.107, the permittee shall maintain the VOC content of each as applied coating used in this TufCoat spray booth at or below the following values:

Coating Type	VOC Content (lb VOC/lb of coating solids)
Basecoats	2.2
Cosmetic Specialty Coatings	14.3
Final Repair Coat	3.3
Sealers	3.9
Topcoats and Enamels	3.0
Washcoat	14.3

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

The permittee shall not operate this TufCoat spray booth unless all exhaust air passes through the dry filtering system.

**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Once per operating day, the permittee shall ensure that each set of exhaust filters used in this TufCoat spray booth is inspected for gaps and/or holes.

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

The permittee shall ensure that the exhaust filters of this TufCoat spray booth are replaced as needed. A sufficient quantity of spare filters shall be kept on hand for replacement.

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

The permittee shall operate and maintain a pressure gauge to indicate the static pressure differential across the exhaust filters of this TufCoat spray booth. The TufCoat spray booth shall operate within the differential pressure range of 0.03 to 0.20 inches of water.

**VII. ADDITIONAL REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source consists of a TufCoat spray booth, Model No. CIDB-107-M, manufactured by JBI and located at 333 E. 5th St., 5th Floor. One of the following air-assisted airless spray guns is used to transfer a water based latex coating onto wooden speaker cabinet:

Graco HVLP spray gun, model D10A

**SECTION D. Source Level Requirements**

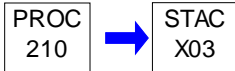
Source ID: 210

Source Name: SLS SPRAY PAINT BOOTH

Source Capacity/Throughput:

N/A

WATER-BASED LATEX PAINT

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

The permittee shall ensure that emission into the outdoor atmosphere of VOCs, including cleanup solvents, from this SLS spray paint booth occurs in such a manner that the rate of the emission does not exceed 3 lb/hr (averaged daily), 15 lb/day (averaged daily), or 2.7 tons/yr, calculated monthly and on a 12-month rolling sum.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443, 129.52 and 40 CFR part 60, Appendix A.]

(a) The permittee shall test their coating(s), as applied for the following, in accordance with Method 24, as specified in 40 CFR Part 60, Appendix A:

- (1) volatile matter content;
- (2) water content;
- (3) density;
- (4) volume solids; and
- (5) weight solids.

(b) The permittee shall test each coating for each delivery, except those that are delivered having the same lot or batch number that have been previously tested.

(c) The above testing requirements shall be waived if the permittee can demonstrate compliance with any of the following:

- (1) a statement from the supplier that EPA Method 24 was used,
- (2) a Certified Product Data Sheet (CPDS) is received from the supplier, or
- (3) a SDS (the upper bound) is used.

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

Once per operating day, the permittee shall monitor the static pressure differential across each set of exhaust filters used in this SLS spray paint booth.

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

The permittee shall calculate the VOC emissions from this source in pounds/hour (lb/hr) averaged daily, pounds per day (lb/dy) averaged daily and tons per year (tpy) calculated monthly and on a 12-month rolling sum.



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

The permittee shall keep records of the daily inspections performed on the exhaust filters to ensure there are no gaps and/or holes.

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

The permittee shall keep records of the static pressure differential across each set of exhaust filters used in this SLS spray paint booth on a daily basis when operating.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

The permittee shall keep records of the dates the exhaust filters of this SLS spray paint booth are replaced.

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

The permittee shall keep records of the VOC emission calculations from this source in pounds/hour (lb/hr) averaged daily, pounds per day (lb/dy) averaged daily and tons per year (tpy) monthly and on a 12-month rolling sum.

**# 009 [25 Pa. Code §129.52]****Surface coating processes**

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

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

- (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; and
- (6) the volume percent of solids for Table I surface coating process categories 1--10.

(b) the VOC content of each coating, thinner and other component as supplied;

(c) the VOC content of each as applied coating;

(d) daily clean-up solvents usage, and its VOC content and solvent density; and

The records required above, shall be recorded and maintained in a format and time frame consistent with, and approved by, the Department.

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

The permittee shall operate and maintain a pressure gauge to indicate the static pressure differential across the exhaust filters of this SLS spray paint booth. The SLS spray paint booth shall operate within the differential pressure range of 0.03 to

**SECTION D. Source Level Requirements**

0.29 inches of water.

**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall use only compliant coatings.

(b) Compliant coatings, as defined in 25 Pa. Code Section 121.1, are coatings that meet the applicable emission limits specified in Chapter 129 (relating to standards for sources)

(c) Compliance with 25 Pa. Code § 129.52 (weight of the VOC per gallon of coating solids) may be demonstrated through certification from the supplier showing that EPA Method 24, as specified in 40 CFR part 60, Appendix A, was used to test the coating. In the event that proper documentation is not obtained, the permittee shall perform testing in accordance with Condition #002, of this Section, for this spray booth.

(d) If the proper testing has been demonstrated, and the coating is altered prior to use with a VOC-containing thinner, the permittee shall perform calculations to demonstrate that compliance is still maintained with the, as applied, compliant coating limit stated above, or shall retest the coating in accordance with Condition #002, of this Section, for this source.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

The permittee shall not operate this SLS spray paint booth unless all exhaust air passes through the dry filtering system.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

Once per operating day, the permittee shall ensure that each set of exhaust filters used in this SLS spray paint booth is inspected for gaps and/or holes.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.52.]

Unless the facility becomes subject to 25 Pa. Code §§ 129.101 - 129.107, the permittee shall maintain the VOC content of each as applied coating used in this SLS spray paint booth at or below the following values:

Coating Type	VOC Content (lb VOC/lb of coating solids)
Basecoats	2.2
Cosmetic Specialty Coatings	14.3
Final Repair Coat	3.3
Sealers	3.9
Topcoats and Enamels	3.0
Washcoat	14.3

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

The permittee shall operate and maintain this SLS spray paint booth in a manner consistent with good air pollution control practices. The practices shall include, but not be limited to, the following:

(a) Good housekeeping procedures for the storage, use, and disposal of spray booth materials.

**SECTION D. Source Level Requirements**

(b) Keeping spray booth material containers closed when not in use.

(c) Keeping all spray booth material-laden shop towels in closed containers when not in use.

**# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

The permittee shall ensure that the exhaust filters of this SLS spray paint booth are replaced as needed. A sufficient quantity of spare filters shall be kept on hand for replacement.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

The permittee shall ensure that a HVLP spray system is the only spray system used in the operation of this SLS spray paint booth.

**VII. ADDITIONAL REQUIREMENTS.****# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

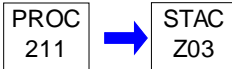
This source consists of an SLS spray paint booth, Model No. 30-2406, manufactured by Binks and located at 333 E. 5th St., 5th Floor. An HVLP spray gun, Model No. G10A, manufactured by Graco or a Graco conventional Model No. F10A, is used to transfer water-based latex coating onto wooden speaker cabinets.

**SECTION D. Source Level Requirements**

Source ID: 211

Source Name: SLS DRYING ROOM

Source Capacity/Throughput: 120.000 CF/HR Natural Gas

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

# 001 [25 Pa. Code §123.21]

**General**

The permittee shall ensure that emission into the outdoor atmosphere of sulfur oxides from this bake oven occurs in such a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas does not exceed 500 ppmv, dry basis.

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall only use natural gas for the operation of this SLS drying room.

**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.**

For this SLS drying room, the permittee shall monitor the following operating parameters on a monthly basis:

- (a) The hours of operation.
- (b) The amount of natural gas consumed, calculated using a Department-approved method.

**IV. RECORDKEEPING REQUIREMENTS.**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

For this SLS drying room, the permittee shall maintain records of the following operating parameters on a monthly basis:

- (a) The hours of operation.
- (b) The amount of natural gas consumed, calculated using a Department-approved method.

**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.**

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

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

This source consists of an SLS drying room with heater, Model No. PBKM-LD20N120A, manufactured by Fraser-Johnston and located at 333 E. 5th St., 5th Floor. The heater is rated at 120 mBtu/hr heat input. The SLS drying room is used to dry water-based latex paint transferred onto wooden speaker cabinets in the SLS spray paint booth (Source ID 210).

**SECTION D. Source Level Requirements**

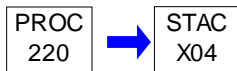
Source ID: 220

Source Name: GEL COAT BOOTHS (5)

Source Capacity/Throughput:

N/A

GEL COAT

**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.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443, 129.52 and 40 CFR part 60, Appendix A.]

(a) The permittee shall test their coating(s), as applied for the following, in accordance with Method 24, as specified in 40 CFR Part 60, Appendix A:

- (1) volatile matter content;
- (2) water content;
- (3) density;
- (4) volume solids; and
- (5) weight solids.

(b) The permittee shall test each coating for each delivery, except those that are delivered having the same lot or batch number that have been previously tested.

(c) The above testing requirements shall be waived if the permittee can demonstrate compliance with any of the following:

- (1) a statement from the supplier that EPA Method 24 was used,
- (2) a Certified Product Data Sheet (CPDS) is received from the supplier, or
- (3) a SDS (the upper bound) is used.

**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 daily inspections performed on the exhaust filters to ensure there are no gaps and/or holes.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

For each of these gel coat booths, the permittee shall keep records of the dates that the exhaust filters of the respective gel coat booths are replaced.

**SECTION D. Source Level Requirements****# 004 [25 Pa. Code §129.52]****Surface coating processes**

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

- (a) the following parameters for each coating, thinner and other component as supplied:
  - (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; and
  - (6) the volume percent of solids for Table I surface coating process categories 1--10.
- (b) the VOC content of each coating, thinner and other component as supplied;
- (c) the VOC content of each as applied coating;
- (d) daily clean-up solvents usage, and it's VOC content and solvent density; and

The records required above, shall be recorded and maintained in a format and time frame consistent with, and approved by, the Department.

**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 operate each respective gel coat booth with it's respective dry filtering system at all times.

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

- (a) The permittee shall use only compliant coatings.
- (b) Compliant coatings, as defined in 25 Pa. Code Section 121.1, are coatings that meet the applicable emission limits specified in Chapter 129 (relating to standards for sources)
- (c) Compliance with 25 Pa. Code § 129.52 (weight of the VOC per gallon of coating solids) may be demonstrated through certification from the supplier showing that EPA Method 24, as specified in 40 CFR part 60, Appendix A, was used to test the coating. In the event that proper documentation is not obtained, the permittee shall perform testing in accordance with Condition #001, of this Section, for this spray booth.
- (d) If the proper testing has been demonstrated, and the coating is altered prior to use with a VOC-containing thinner, the permittee shall perform calculations to demonstrate that compliance is still maintained with the, as applied, compliant coating limit stated above, or shall retest the coating in accordance with Condition #001, of this Section, for this source.

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

The permittee shall operate and maintain each of these gel coat booths in a manner consistent with good air pollution control practices. The practices shall include, but not be limited to, the following:

**SECTION D. Source Level Requirements**

- (a) Good housekeeping procedures for the storage, use, and disposal of gel coat booth materials.
- (b) Keeping gel coat booth material containers closed when not in use.
- (c) Keeping all gel coat booth material-laden shop towels in closed containers when not in use.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

The permittee shall ensure that the exhaust filters of each of these gel coat booths are replaced as needed. A sufficient quantity of spare filters shall be kept on hand for replacement.

**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

Once per operating day for each of these gel coat booths, the permittee shall ensure that each set of exhaust filters used in the respective gel coat booths is inspected for gaps and/or holes.

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

This source grouping consists of 5 gel coat booths located at 333 E. 5th St.:

Location	Manufacturer	Model No.	Quantity
Basement	Binks	30-4207	1
2nd Floor	Binks	30-1804	1
5th Floor	Binks	30-1804	1
Basement	Binks	30-4207 <sup>1</sup>	1

2nd Floor has a booth built by company, fan manufacturer is Aerovent, model number 24BI-UB-1144-5.

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<sup>1</sup> Associated with the prototype wood/mold shop, as specified in (15), Section G, of the permit.

<sup>2</sup> Associated with the fiberglass speaker cabinet production area (Source ID 300). A Binks 205-970-UBH system with a 102-3610 Binks gelcoat gun, is used to transfer gel coat onto speaker molds prior to hand lamination, as specified in Condition # 005(b), Section D (under Source ID 300), of this permit.



**SECTION D. Source Level Requirements**

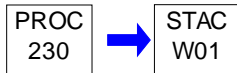
Source ID: 230

Source Name: SANDING BOOTH

Source Capacity/Throughput:

N/A

WOOD/FIBERGLASS DUST

**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.**

Once per operating day, the permittee shall monitor the static pressure differential across each set of exhaust filters used in this sanding booth.

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

The permittee shall keep records of the daily inspections performed on the exhaust filters to ensure there are no gaps and/or holes.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

The permittee shall keep records of the dates that the exhaust filters of this sanding booth are replaced.

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

Once per operating day, the permittee shall keep records of the static pressure differential across each set of exhaust filters used in this sanding booth.

**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 not operate this sanding booth unless all exhaust air passes through the dry filtering system.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

**SECTION D. Source Level Requirements**

The permittee shall ensure that the exhaust filters of this sanding booth are replaced as needed. A sufficient quantity of spare filters shall be kept on hand for replacement.

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

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

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

The permittee shall operate and maintain a pressure gauge to indicate the static pressure differential across the exhaust filters of this sanding booth. The sanding booth shall operate within the differential pressure range of 0.03 to 0.20 inches of water.

**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.443.]

Once per operating day, the permittee shall ensure that each set of exhaust filters used in this sanding booth are inspected for gaps and/or holes.

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

This source consists of a sanding booth, Model No. 3C411, manufactured by Dayton and located at 333 E. 5th St., 2nd Floor. The sanding booth is used to collect dust from the trimming/grinding of prototype molds.

**SECTION D. Source Level Requirements**

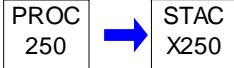
Source ID: 250

Source Name: SPRAY PAINT BOOTH 3

Source Capacity/Throughput:

N/A

WATER BASED LATEX PAINT

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall limit the VOC emissions from this Source ID to less than 2.7 tpy calculated on a 12-month rolling sum.

**II. TESTING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443, 129.52 and 40 CFR part 60, Appendix A.]

(a) The permittee shall test their coating(s), as applied for the following, in accordance with Method 24, as specified in 40 CFR Part 60, Appendix A:

- (1) volatile matter content;
- (2) water content;
- (3) density;
- (4) volume solids; and
- (5) weight solids.

(b) The permittee shall test each coating for each delivery, except those that are delivered having the same lot or batch number that have been previously tested.

(c) The above testing requirements shall be waived if the permittee can demonstrate compliance with any of the following:

- (1) a statement from the supplier that EPA Method 24 was used,
- (2) a Certified Product Data Sheet (CPDS) is received from the supplier, or
- (3) a SDS (the upper bound) is used.

**III. MONITORING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall calculate the VOC and HAP emissions from this Source ID 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 VOC and HAP emissions from this Source ID monthly and on a 12-month rolling sum.

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall keep records of the following:

**SECTION D. Source Level Requirements**

- a. The static pressure differential across the exhaust filters measured by a manometer once per day when operating.
- b. The dates the exhaust filters of this spray paint booth are replaced.

**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.**

The permittee shall operate and maintain this spray booth in a manner consistent with good air pollution control practices. The practices shall include, but not be limited to, the following:

- (a) Good housekeeping procedures for the storage, use, and disposal of spray booth materials.
- (b) Keeping spray booth material containers closed when not in use.
- (c) Keeping all spray booth material-laden shop towels in closed containers when not in use.

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

The permittee shall ensure the following:

- a. The permittee shall not operate this spray paint booth unless all exhaust air passes through the exhaust filters and the booth is working properly.
- b. Once per operating day, the permittee shall ensure that each set of exhaust filters used in this spray paint booth are inspected for gaps and/or holes.
- c. The permittee shall ensure that the exhaust filters of this spray paint booth are replaced as needed. A sufficient quantity of spare filters shall be kept on hand for replacement.
- d. The permittee shall ensure the manometer is working properly and operating when the spray booth is in operation.

**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: 300

Source Name: FIBERGLASS SPEAKER CABINET PRODUCT AREA

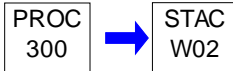
Source Capacity/Throughput:

N/A

STYRENE/RESIN LAMINATE

N/A

FIBERGLASS

**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.**

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.443, 129.52 and 40 CFR part 60, Appendix A.]

(a) The permittee shall test their coating(s), as applied for the following, in accordance with Method 24, as specified in 40 CFR Part 60, Appendix A:

- (1) volatile matter content;
- (2) water content;
- (3) density;
- (4) volume solids; and
- (5) weight solids.

(b) The permittee shall test each coating for each delivery, except those that are delivered having the same lot or batch number that have been previously tested.

(c) The above testing requirements shall be waived if the permittee can demonstrate compliance with any of the following:

- (1) a statement from the supplier that EPA Method 24 was used,
- (2) a Certified Product Data Sheet (CPDS) is received from the supplier, or
- (3) a SDS (the upper bound) is used.

**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 §129.52]****Surface coating processes**

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

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

- (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; and
- (6) the volume percent of solids for Table I surface coating process categories 1--10.

**SECTION D. Source Level Requirements**

- (b) the VOC content of each coating, thinner and other component as supplied;
- (c) the VOC content of each as applied coating;
- (d) daily clean-up solvents usage, and its VOC content and solvent density; and

The records required above, shall be recorded and maintained in a format and time frame consistent with, and approved by, the Department.

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

The permittee shall operate and maintain this fiberglass speaker cabinet production area in a manner consistent with good air pollution control practices. The practices shall include, but not be limited to, the following:

- (a) Good housekeeping procedures for the storage, use, and disposal of FRP materials and fiberglass.
- (b) Keeping FRP material containers closed when not in use.
- (c) Keeping all FRP material-laden shop towels in closed containers when not in use.

NOTE: FRP means Fiberglass reinforced plastic.

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

- (a) The permittee shall use only compliant coatings.
- (b) Compliant coatings, as defined in 25 Pa. Code Section 121.1, are coatings that meet the applicable emission limits specified in Chapter 129 (relating to standards for sources)
- (c) Compliance with 25 Pa. Code § 129.52 (weight of the VOC per gallon of coating solids) may be demonstrated through certification from the supplier showing that EPA Method 24, as specified in 40 CFR part 60, Appendix A, was used to test the coating. In the event that proper documentation is not obtained, the permittee shall perform testing in accordance with Condition #001, of this Section, for this spray booth.
- (d) If the proper testing has been demonstrated, and the coating is altered prior to use with a VOC-containing thinner, the permittee shall perform calculations to demonstrate that compliance is still maintained with the, as applied, compliant coating limit stated above, or shall retest the coating in accordance with Condition #001, of this Section, for this source.

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

This source is a fiberglass speaker cabinet production area located at 333 E. 5th St., 2nd Floor. The fiberglass speaker cabinet production area is comprised of the following operations:

- (a) Solvent vault transfer operations (transferring FRP materials from drums).

**SECTION D. Source Level Requirements**

- (b) Hand lamination (applying FRP materials and fiberglass mats to previously gel-coated molds).
- (c) Drying (open).
- (d) Cleanup activities.

**SECTION D. Source Level Requirements**

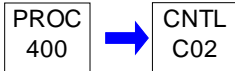
Source ID: 400

Source Name: WOOD MACHINING AREA

Source Capacity/Throughput:

N/A

WOOD

**I. RESTRICTIONS.****Control Device Efficiencies Restriction(s).**

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall ensure that emissions from this wood machining area, are always routed to the associated dust collector (Source ID C02).

**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 all preventative maintenance inspections for this wood machining area and associated dust collector (Source ID C02) on a monthly basis. These records shall contain, at a minimum, the following for each inspection:

- (a) The date of the inspection.
- (b) Any problems or defects.
- (c) The corrective action taken.
- (d) Any routine maintenance performed.

**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.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall operate and maintain this wood machining area, in accordance with manufacturers' specifications.



**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) This source is a wood machining area located at 401 E. 5th St. The wood machining area is comprised of the following equipment:

- (1) A CNC wood router, Model No. U26, manufactured by Morbidelli.
- (2) A CNC wood router, Model No. 144C12D, manufactured by C.R. Onsrud, Inc.
- (3) A portable router (shaper), Model No. WSS-3-3, manufactured by Jet.
- (4) A panel saw, Serial No. 001388, manufactured by Gabbiani.
- (5) A table saw, Model No. 72A, manufactured by Powermatic.

(b) Wood dust emissions are collected by 3 internally discharged 2 stage dust collectors, there are no emissions into the outdoor atmosphere.



**SECTION E. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description		
100	SPACE HEATERS (36) (COMB RATED CAP ~ 2.44 MMBTU/HR)		
<b>Emission Limit</b>		<b>Pollutant</b>	
500.000	PPMV	Dry Basis	SOX
210	SLS SPRAY PAINT BOOTH		
<b>Emission Limit</b>		<b>Pollutant</b>	
2.700	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOC
3.000	Lbs/Hr	averaged daily	VOC
15.000	Lbs/Day	averaged daily	VOC
211	SLS DRYING ROOM		
<b>Emission Limit</b>		<b>Pollutant</b>	
500.000	PPMV	Dry Basis	SOX

**Site Emission Restriction Summary**

Emission Limit	Pollutant	
24.900 Tons/Yr	Combined VOCs and HAPs calculated on a 12-Month Rolling Sum	VOC
9.900 Tons/Yr	Individual HAP emissions	Hazardous Air Pollutants
24.900 Tons/Yr	Combined HAP emissions	Hazardous Air Pollutants

**SECTION G. Miscellaneous.**

- (a) Operating Permit No. OP-23-0035 serves as the basis for certain terms and conditions set forth in this permit.
- (b) The following sources have been determined by the Department to be insignificant sources of air emissions, and therefore do not require additional limitations, monitoring, or recordkeeping. They are still subject to any applicable Federal, State, and Local Regulations that may apply, including the Site Level Requirements (Section C) of this permit.
- (1) One propane-fueled fork lift.
  - (2) Air compressors.
  - (3) An air tank.
  - (4) An air filter.
  - (5) A refrigerated air dryer.
  - (6) The following equipment associated with plant maintenance and upkeep:
    - (i) Landscaping chemicals.
    - (ii) Landscaping internal combustion equipment.
    - (iii) Janitorial supplies.
  - (7) A down draft table.
  - (8) A metal lathe.
  - (9) A welding area.
  - (10) The following soldering operations:
    - (i) Solder benches.
    - (ii) A solder pot.
  - (11) A soldering area electrostatic precipitator, Model No. SMOG-HOG, manufactured by United Air Specialists, Inc. The electrostatic precipitator captures metal emissions from (10), above. (This Source was removed from the facility in 2013).
  - (12) A fiberglass trim room.
  - (13) A fiberglass trim room sanding booth, Model No. DNR-1488-S, manufactured by Global Finishing Solutions. The sanding booth captures fiberglass dust emissions from (12), above.
  - (14) A prototype wood/mold shop comprised of the following equipment/operations:
    - (i) A radial arm saw.
    - (ii) A table saw.
    - (iii) A chop saw.
    - (iv) A band saw.
    - (v) Prototype mold production<sup>3</sup>.

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<sup>3</sup> The permittee shall ensure that emission into the outdoor atmosphere of VOCs from this source is included with the total VOC emissions of the facility.

**SECTION G. Miscellaneous.**

(15) A prototype fiber glass dust collector, Model 24, manufactured by Donaldson Torit. The dust collector captures fiber glass dust emissions from (12) above.

(16) A mylar suspension bake oven<sup>3</sup>.

(17) Cabinet assembly and loading<sup>3</sup>.

(18) Tooling<sup>3</sup>.

(19) A driver shop comprised of the following operations<sup>3</sup>:

(i) Resin mixing.

(ii) Coating.

(iii) Adhesive application.

(20) Research and development activities<sup>3</sup>.

APS: 346902 AUTH: 782302

The information in Section A is for informational purposes only.

This Operating Permit has been renewed.

The following source has been determined by the Department to be an insignificant source of air emissions, and therefore does not require additional limitations, monitoring, or recordkeeping. They are still subject to any applicable Federal, State, and Local Regulations that may apply, including the Site Level Requirements (Section C) of this permit.

-Source ID 101, HVAC Units, has been removed from Section D of this permit.

Model No. 48TJE005-601GA rated input 115,000 Btu/Hr

Model No. 48DF014620 rated input 154,000 Btu/Hr

Model No. 48TJE006-601A rated input 115,000 Btu/Hr

APS: 346902 AUTH: 1008682

This Operating Permit has been renewed.

Source ID 200: Tufcoat spary booth. The Iso/polyurethane spray coating was replaced with a water based latex coating and a Graco HVLP spray gun.

Source ID 210: SLS Spray Paint Booth. The differential pressure range across the exhaust filters of this SLS spray booth has been changed from a range of 0.03 to 0.20 inches of water to a range of 0.03 to 0.29 inches of water. The company uses new filters and the pressure range has changed slightly.

APS: 346902 AUTH: 1267861

This operating permit has been renewed.

Source ID 250, Spray Paint Booth 3, has been added to the permit. The source was approved for installation through RFD #6813 on February 20, 2018.



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

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