



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: May 30, 2013

Effective Date:

Expiration Date: May 30, 2018

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

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 46-00078

Synthetic Minor

Federal Tax Id - Plant Code: 23-2393521-1

Owner Information

Name: G SEVEN LTD

Mailing Address: 2289 N PENN RD
HATFIELD, PA 19440-1906

Plant Information

Plant: G SEVEN LTD/HATFIELD

Location: 46 Montgomery County 46930 Hatfield Township

SIC Code: 2521 Manufacturing - Wood Office Furniture

Responsible Official

Name: J GEORGE SWEENEY

Title: PRESIDENT

Phone: (215) 822 - 3839

Permit Contact Person

Name: DOUG PRITCHARD

Title: GENERAL MANAGER

Phone: (215) 822 - 3839

[Signature] _____

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER

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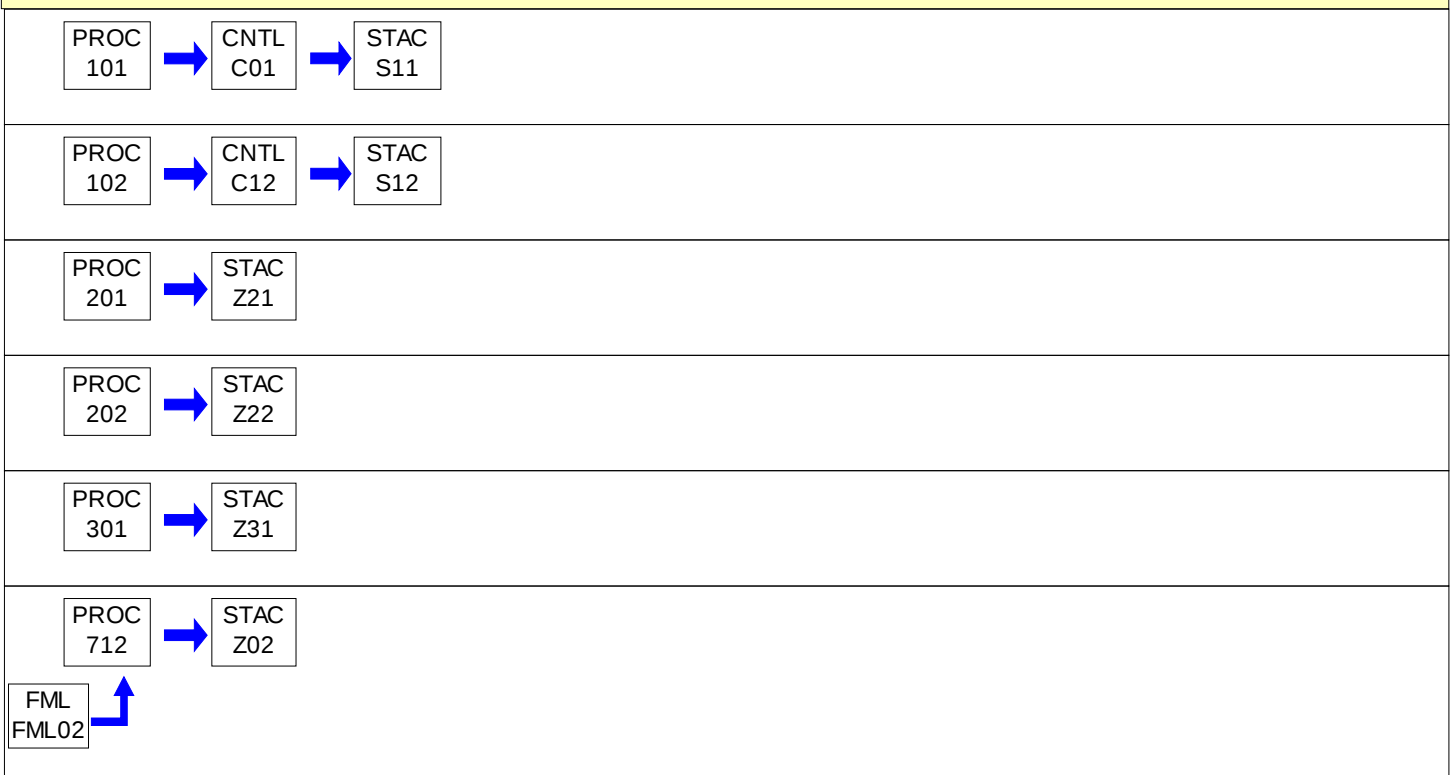
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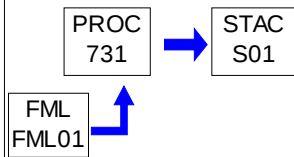
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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput		Fuel/Material
101	WOOD COATING OPERATION (DRY AIR BOOTH)	17.900	Lbs/HR	SOLVENT
102	WOOD COATING-FILTER BOOTH	17.900	Lbs/HR	SOLVENT
201	WOOD COATING OPERATION (STAINING)	7.000	Lbs/HR	SOLVENT
202	GLUE PRESS	0.100	Lbs/HR	SOLVENT
301	CLEAN UP OPERATIONS	6.500	Lbs/HR	SOLVENT
712	MAKE-UP AIR	1.400	MMBTU/HR	
		1,346.150	CF/HR	Natural Gas
731	SPACE HEATERS (19)	2.600	MMBTU/HR	
		2.600	Th Gal/HR	#2 Oil
C01	DRY AIR MEDIA			
C12	FILTER BOOTH			
FML01	#2 FUEL HEATING OIL TANK			
FML02	NG PIPELINE			
S01	SPACE HEATER STACK			
S11	DRY AIR BOOTH STACK			
S12	FILTER BOOTH STACK			
Z02	MAKE-UP FUGITIVE			
Z21	STAINING FUGITIVE			
Z22	GLUE PRESS FUGITIVE			
Z31	CLEANUP FUGITIVE			

PERMIT MAPS



**PERMIT MAPS**

SECTION B. General State Only Requirements

#001 [25 Pa. Code § 121.1]

Definitions.

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

#002 [25 Pa. Code § 127.446]

Operating Permit Duration.

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

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

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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_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

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

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

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

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

SECTION B. General State Only Requirements

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

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

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

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

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

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

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

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

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

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

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

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

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

#014 [25 Pa. Code § 127.3]

Operational Flexibility.

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

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

SECTION B. General State Only Requirements

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

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

#015 [25 Pa. Code § 127.11]

Reactivation

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

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

#016 [25 Pa. Code § 127.36]

Health Risk-based Emission Standards and Operating Practice Requirements.

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

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

#017 [25 Pa. Code § 121.9]

Circumvention.

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

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

Reporting Requirements.

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

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

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

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

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

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

SECTION B. General State Only Requirements

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

#019 [25 Pa. Code §§ 127.441(c) & 135.5]

Sampling, Testing and Monitoring Procedures.

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

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

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

Recordkeeping.

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

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

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

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]

Property Rights.

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

#022 [25 Pa. Code § 127.447]

Alternative Operating Scenarios.

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

SECTION C. Site Level Requirements

I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §121.7]

Prohibition of air pollution.

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

002 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

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

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

003 [25 Pa. Code §123.2]

Fugitive particulate matter

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #002 of this section (relating to prohibition of certain fugitive emissions) if the emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]

Limitations

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in 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

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (a) Equal to or greater than 20% for a period or periods aggregating more than three (3) minutes in any one (1) hour.
- (b) Equal to or greater than 60% at any time.

006 [25 Pa. Code §123.42]

Exceptions

The emission limitations of 25 Pa. Code Section 123.41 shall not apply when,

- (a) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (b) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions; or,

SECTION C. Site Level Requirements

(c) The emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of instances of visible emissions, fugitive emissions and malodorous air emissions, the name of the company representative monitoring these instances, the date and time of each occurrence, and the wind direction during each instance.

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

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that emission into the outdoor atmosphere of volatile organic compound (VOC) from the facility occurs in such a manner that the rate of the emission does not exceed 24.90 tons/yr, calculated monthly as a 12-month rolling sum.

009 [25 Pa. Code §129.14]

Open burning operations

No person may permit the open burning of material in the Southeast Air Basin, except when the open burning results from:

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

Throughput Restriction(s).

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.800]

Subpart JJ--National Emission Standards for Wood Furniture Manufacturing Operations

Applicability.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

A facility that complies with the limits and criteria specified in paragraphs (1), (2), or (3) is an area source for the purposes of 40 CFR § 63.800 and is not subject to any other provision of 40 CFR § 63.800, provided that, in the case of paragraphs (1) and (2), finishing materials, adhesives, cleaning solvents and washoff solvents account for at least 90% of annual HAP emissions from the facility, and if the facility has HAP emissions that do not originate from the listed materials, the facility keeps any records necessary to demonstrate that the 90% criterion is met. A facility that initially relies on the limits and criteria specified in paragraphs (1), (2), and (3) to become an area source, but subsequently exceeds the relevant limit (without first obtaining and complying with other limits that keep its potential to emit hazardous air pollutants below major source levels), becomes a major source and must comply thereafter with all applicable provisions of this regulation (40 CFR § 63.800) starting on the applicable compliance date in 40 CFR § 63.800. Nothing in this paragraph is intended to preclude a facility from limiting its potential to emit through other appropriate mechanisms that may be available through the permitting authority.

(1) The facility uses no more than two hundred-fifty (250) gallons per month, for every month, of coating, gluing, cleaning, and washoff materials, including materials used for source categories other than wood furniture (surface coating), but excluding materials used in routine janitorial or facility grounds maintenance, personal uses by employees or other persons, the use of products for the purpose of maintaining motor vehicles operated by the facility, or the use of toxic

SECTION C. Site Level Requirements

chemicals contained in intake water (used for processing or noncontact cooling) or intake air (used either as compressed air or for combustion).

(2) The facility uses no more than three thousand (3,000) gallons per rolling 12-month period, for every 12-month period, of coating, gluing, cleaning, and washoff materials, including materials used for source categories other than wood furniture (surface coating), but excluding materials used in routine janitorial or facility grounds maintenance, personal uses by employees or other persons, the use of products for the purpose of maintaining motor vehicles operated by the facility, or the use of toxic chemicals contained in intake water (used for processing or noncontact cooling) or intake air (used either as compressed air or for combustion).

(3) The facility uses materials containing no more than 4.5 Mg (5 tons) of any one HAP per rolling 12-month period or no more than 11.4 Mg (12.5 tons) of any combination of HAP per rolling 12-month period, including materials from source categories other than wood furniture; and at least 90% of the plantwide emissions per rolling 12-month period are associated with the manufacture of wood furniture or wood furniture components.

II. TESTING REQUIREMENTS.

011 [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 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 conduct any tests deemed necessary by the Department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139 and the Department's Source Testing Manual (274-0300-002), when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(a) The permittee shall use EPA Method 24 (Determination of Volatile Matter Content, Water Content, Density, Volume Solids, and Weight Solids of Surface Coatings) to determine the properties of all coatings used in this operating permit.

(b) For verification of surface coating properties in this operating permit, the permittee shall test at least 10% of each coating used each year. Coatings shall be tested randomly using EPA Method 24 and the new values shall be reflected in emission calculations. The permittee shall report the above test results to the Department on a quarterly basis.

013 [25 Pa. Code §139.1]

Sampling facilities.

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

III. MONITORING REQUIREMENTS.

014 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may 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

SECTION C. Site Level Requirements

by the Department.

015 [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.
- (2) Visible Emissions.
- (3) Fugitive Particulate Matter.

(b) All detectable objectionable odors, that originated on-site and cross the property line, as well as fugitive particulate emissions and visible emissions that originated on site shall:

- (1) Be investigated.
- (2) Be reported to the facility management, or individual(s) designated by the permittee.
- (3) 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.

IV. RECORDKEEPING REQUIREMENTS.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record, at a minimum, the following information relating to the reports of exceedances of any fugitive particulate emission, visible emission or malodor emission:

- (a) Date, time and location of incident(s).
- (b) Results of the investigation.
- (c) Any corrective action taken.

017 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.800]

Subpart JJ--National Emission Standards for Wood Furniture Manufacturing Operations

Applicability.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

(a) The facility shall maintain records that demonstrate that annual emissions do not exceed the levels established in 40 CFR § 63.800 (see Condition #009), including monthly usage records for all finishing, gluing, cleaning, and washoff materials; certified product data sheets for these materials; and any other records necessary to document emissions from source categories other than wood furniture and upon request submit such records to the EPA Administrator.

(b) A rolling twelve (12) month period includes the previous twelve (12) months of operation. The facility shall maintain records of the total gallons of coating, gluing, cleaning, and washoff materials used each month and the total gallons used each previous month, and upon request submit such records to the EPA Administrator. Because records are needed over the previous set of twelve (12) months, the facility shall keep monthly records beginning no less than one year before the compliance date specified in 40 CFR § 63.800. Records shall be maintained for five (5) years.

V. REPORTING REQUIREMENTS.

018 [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 of the source(s) or associated air pollution control devices listed in Section A, of this permit, which results in, or

SECTION C. Site Level Requirements

may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or of a regulation contained in 25 Pa. Code Article III.

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

(c) A written report shall be submitted to the Department within two (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.

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

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

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

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i) Three years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or,
 - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.
- (2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.
- (3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.
- (c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.
- (d) If this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:
 - (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
 - (2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.
- (e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

SECTION C. Site Level Requirements

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

020 [25 Pa. Code §135.3]

Reporting

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

(b) The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.

021 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

For any source specified in Condition #002 of this section, the permittee shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but are not limited to, the following:

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

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

(c) Paving and maintenance of roadways.

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

022 [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(h).]

All containers of VOC containing finishing materials and diluents (thinners, reducers, etc.) shall be kept closed at all times, except when transferring material into or out of the containers. All solvent-wet cleaning rags, etc. shall be stored in closed containers when not in actual use.

VII. ADDITIONAL REQUIREMENTS.

023 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4]

Subpart A - General Provisions

Address.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall submit all requests, reports, applications, submittals, and other communications to both the Administrator and to the Regional Office of the Department. The copies shall be forwarded to:

Director	Air Quality Program Manager
Air Protection	PA Department of Environmental Protection
U.S. EPA, Region III	Southeast Regional Office
1650 Arch Street	2 East Main Street
Philadelphia, PA 19103-2029	Norristown, PA 19401

024 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.800]

Subpart JJ--National Emission Standards for Wood Furniture Manufacturing Operations

SECTION C. Site Level Requirements

Applicability.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

(a) The facility to which this regulation (40 CFR § 63.800) applies is engaged, either in part or in whole, in the manufacture of wood furniture or wood furniture components and that is located at a plant site that is a major source as defined in 40 CFR § 63.2. The facility that meets the criteria for an incidental furniture manufacturer shall maintain purchase or usage records demonstrating the source meets the criteria specified in 40 CFR § 63.801, but the source shall not be subject to any other provisions of this regulation (40 CFR § 63.801).

(b) The provisions of 40 CFR § 63.800 do not apply to research or laboratory facilities as defined in 40 CFR § 63.801.

(c) The facility subject this regulation shall also comply with the requirements of 40 CFR 63 Subpart A, according to the applicability of 40 CFR 63, Subpart A to such sources, as identified in Table 1 (see Appendix A).

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

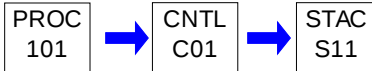
Source ID: 101

Source Name: WOOD COATING OPERATION (DRY AIR BOOTH)

Source Capacity/Throughput:

17.900 Lbs/HR

SOLVENT



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of filterable particulate matter, as measured by Method 5 of 40 CFR 60, Appendix A (or an equivalent method approved by the Department), from this process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

002 [25 Pa. Code §129.52]

Surface coating processes

(a) The weight of VOCs, in pounds, per pound of coating solids of all clear topcoats shall be no greater than 3.0 pounds on a weight-solids basis.

(b) The weight of VOCs, in pounds, per pound of coating solids of all wash coats shall be no greater than 14.3 pounds on a weight-solids basis.

(c) The weight of VOCs, in pounds, per pound of coating solids of all final repair coats shall be no greater than 3.3 pounds on a weight-solids basis.

(d) The weight of VOCs, in pounds, per pound of coating solids of all opaque ground coats and enamels shall be no greater than 2.2 pounds on a weight-solids basis.

(e) The weight of VOCs, in pounds, per pound of coating solids of all other coatings shall no greater than 14.3 pounds on a weight-solids basis.

(f) The weight of VOCs, in pounds, per pound of coating solids of all clear sealers shall be no greater 3.9 pounds on a weight-solids basis.

003 [25 Pa. Code §129.52]

Surface coating processes

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

A permittee shall not cause or permit the emission into the outdoor atmosphere of VOCs from the application of furniture finishing coatings, unless the coatings are applied using electrostatic, airless, curtain coating, roll coating, hand roller, hand brush, flow coating, dip coating or high volume-low pressure application equipment, and the total usage of the finishing material is less than 5% of the total usage of the finishing material used during the semiannual reporting.

Air atomized sprays may be used to apply other coatings if the volume of the other coatings is less than 5% by volume of the total coatings used at the facility, or to apply final repair coatings.

004 [25 Pa. Code §129.52]

Surface coating processes

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

All stains used, other than those regulated pursuant to Table 1 of 25 Pa. Code § 129.52, shall contain no more than 6.8 pounds of volatile organic compounds per gallon of stain (minus water) (89.37 pounds per gallon solid), as mixed for application.

SECTION D. Source Level 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.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following on a daily basis:

- (i) quantity and type of each finishing material used;
- (ii) daily coating quantity in gallons and pounds of coatings as applied;
- (iii) the coating composition:
 - (A) percent solids by volume
 - (B) percent solvent by volume
 - (C) percent water by volume
 - (D) pounds of VOC per gallon of coating (minus water) of each finishing used
 - (E) solvent density
- (iv) coating density before and after additional diluents;
- (v) identification and density of finishing material and diluents;
- (vi) gallons of finishing material and diluents used;
- (vii) density of the diluents used;
- (viii) weight percent of the organic volatiles in each coating.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall inspect the filters of the paint spray booth (Source ID: 101) on a daily basis for gaps and holes. The filters shall be replaced daily on a schedule approved by the Department. The permittee shall keep spare filters on hand for replacement.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following information for each coating, thinner and other component used for the Wood Coating Operation - Dry Air Booth (Source ID: 101):

- (a) The identity and quantity of all the cleanup solvents;
- (b) The name and content of any Hazardous Air Pollutants (HAPs) in the cleaning solution;
- (c) The hours of operation on a daily basis.

SECTION D. Source Level Requirements

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall maintain comprehensive accurate records, which clearly demonstrate that compliance is being achieved with all contained therein.

(1) The permittee shall record on a daily basis the following:

- (i) quantity and type (sealer, etc.) of each type of material used;
- (ii) daily coating quantity in gallons and pounds of coating as applied;
- (iii) the coating composition
 - (A) percent solids by volume
 - (B) percent solvent by volume
 - (C) percent water by volume
 - (D) pounds of VOC per gallon of coating (minus water) of each finishing material used
 - (E) solvent density
- (iv) coating density before and after additional diluents;
- (v) identification and density of finishing material and diluents;
- (vi) gallons of finishing material and diluents used;
- (vii) density of the diluents used;
- (viii) weight percent of the organic volatiles in each coating.

(2) Data shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

(3) The permittee shall submit a report to the Department on a quarterly basis summarizing the actual and allowable daily VOC emissions from the water booth, filter booth, and staining operation. The report shall list days of noncompliance and shall be in a format approved by the Department.

(4) The Department reserves the right to revise the frequency of reporting requirements, if warranted.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the following information:

- (a) The company shall maintain daily records of all parameters for each coating, thinner and other component as applied to demonstrate compliance with requirements of 25 Pa. Code § 129.52(c);
- (b) The identity and quantity of all the cleanup solvents;
- (c) The name and content of any Hazardous Air Pollutants (HAP) in the cleaning solution;
- (d) The hours of operation on a daily basis.

SECTION D. Source Level Requirements

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

010 [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(h).]

The permittee shall prepare a written Work Practice Implementation Plan to be followed with respect to the dry air booth (Source ID: 101), the filter booth (Source ID: 102), and the staining operations (Source ID: 201). All new and existing personnel, including contract personnel, who are involved in the coating or cleaning operations, shall receive training. All personnel shall be given refresher training annually. This Work Practice Implementation Plan is to be submitted to the Department within sixty (60) days of the issuance of the operating permit and shall include the following:

(a) The permittee shall maintain a written copy of the training program and also keep records of employee training, which shall include, at a minimum, the following:

- (1) A list of all personnel by name and job description that are required to be trained;
- (2) An outline of the subjects to be covered in the initial and refresher training for each person, or group of personnel;
- (3) Lesson plans for courses to be given at initial and annual refresher training that included, at a minimum, appropriate application techniques, appropriate cleaning procedures, and appropriate management of cleanup wastes;
- (4) A description of methods to be used at the completion of initial of refresher training to demonstrate and document successful completion.

(b) The permittee shall prepare and maintain a written leak inspection and maintenance plan which shall include, at a minimum, the following:

- (1) A minimum visual inspection frequency of once per month for all equipment used to transfer or apply coatings or solvents;
- (2) An inspection schedule;
- (3) Methods for documenting the date and results of each inspection and any repair that were made;
- (4) The time frame between identifying a leak and making the repair, shall adhere to the following:
 - (i) First attempts at repair must be made within five (5) working days after the respective leak is detected;
 - (ii) Final repairs, if needed must be made within fifteen (15) working days after the respective leak is detected, unless the leaking equipment is to be replaced by a new purchase in which case final repairs shall be completed within three (3) months after the respective leak is detected.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Spray painting shall be performed, exclusively, in the paint spray booth (Source ID: 101) using a high volume low pressure (HVLV) spray system;

(b) The paint spray booth (Source ID: 101) shall not be operated unless all exhaust air passes through the dry filtering system;

SECTION D. Source Level Requirements

(c) The company shall keep clean up solvent containers closed at all times except during the transfer of material;

(d) The company shall use clean up solvents only for cleaning spray guns. The clean up solvent shall be sprayed in a container with a sufficiently narrow open top to minimize any fugitive emissions.

VII. ADDITIONAL REQUIREMENTS.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Topcoats meeting this condition, do not need to meet the requirements of condition # 002.

(a) The VOC content of waterborne topcoats shall be equal to or less than 0.8 pounds of VOC per pound of solids.

(b) The VOC content of higher-solid sealers shall be equal to or less than 1.9 pounds of VOC per pound of solids.

(c) The VOC content of higher-solid topcoats shall be equal to or less than 1.8 pounds of VOC per pound of solids.

(d) The VOC content of acid-cured alkyd amino vinyl sealers shall be equal to or less than 2.3 pounds of VOCs per pound of solids.

(e) The VOC content of acid-cured alkyd amino conversion varnish topcoats shall be equal to or less than 2.0 pounds of VOCs per pound of solids.

(f) The VOC content of other acid-cured alkyd amino sealers to be equal to or less than 1.9 pounds of VOCs per pound of solids.

(g) The VOC content of other acid-cured alkyd amino conversion varnishes topcoats to be equal or less than 2.0 pounds of VOCs per pound of solids.

(h) The VOC content of other acid-cured alkyd amino vinyl sealer topcoats to be equal or less than 1.8 pounds of VOCs per pound of solids.

(i) The VOC content of the waterborne strippable spray booth coating shall be equal to or less than 0.8 pounds of VOCs per pound of solids.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID: 101 (Wood Coating Operation - Dry Air Booth) is comprised of a single enclosed room or chamber with 4 or 5 spray gun nozzles protruding into the booth.

014 [25 Pa. Code §129.52]

Surface coating processes

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

015 [25 Pa. Code §129.52]

Surface coating processes

An owner or operator of a facility subject to the emission standards in 25 Pa. Code § 129.102 (relating to emission standards) shall demonstrate compliance with those provisions by using one or more of the following methods:

(1) To support that each sealer, topcoat and strippable spray booth coating meets the requirement of 25 Pa. Code § 129.102(1) (relating to emission standards):

SECTION D. Source Level Requirements

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

(ii) Maintain documentation showing the VOC content of the as applied coating in lbs VOC/lb solids, if solvent or other VOC is added to the coating before application.

(iii) Perform sampling and testing in accordance with the procedures and test methods in Chapter 139 (relating to sampling and testing).

016 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.804] Subpart JJ--National Emission Standards for Wood Furniture Manufacturing Operations Compliance procedures and monitoring requirements

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall limit the emissions of volatile hazardous air pollutants (VHAPS) from existing wood finishing operations by meeting the VHAP emission limitations specified below, using any of the compliance methods specified in 40 CFR Part 63 Subpart JJ, Section 63.804(a):

(a) For Finishing Operations:

(1) Achieve a weighted average VHAP across all coatings limited to 1.0-pound VHAP per pound of solids, as applied.

(2) Stains, washcoats, sealers, topcoats, basecoats, and enamels shall be limited to 1.0 pound of VHAP per pound of solids, as applied.

(3) Thinners (maximum percent VHAP allowable) shall be limited to 10 pounds of VHAPs per pound of solids, as applied.

(4) As an alternative, use control device limited to 1.0 pounds of VHAP per pound of coating.

(b) For Contact Adhesives:

(1) Foam adhesives used in products that meet flammability requirements shall be limited to 1.8 pounds of VHAP per pound of solids, as applied.

(2) All other contact adhesives (including foam adhesives that do not meet flammability requirements) shall be limited to 1.0 pounds of VHAP per pound of solids, as applied.

SECTION D. Source Level Requirements

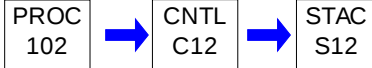
Source ID: 102

Source Name: WOOD COATING-FILTER BOOTH

Source Capacity/Throughput:

17.900 Lbs/HR

SOLVENT



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of filterable particulate matter, as measured by Method 5 of 40 CFR 60, Appendix A (or an equivalent method approved by the Department), from this process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

002 [25 Pa. Code §129.52]

Surface coating processes

(a) The weight of VOCs, in pounds, per pound of coating solids of all clear topcoats shall be no greater than 3.0 pounds on a weight-solids basis.

(b) The weight of VOCs, in pounds, per pound of coating solids of all wash coats shall be no greater than 14.3 pounds on a weight-solids basis.

(c) The weight of VOCs, in pounds, per pound of coating solids of all final repair coats shall be no greater than 3.3 pounds on a weight-solids basis.

(d) The weight of VOCs, in pounds, per pound of coating solids of all opaque ground coats and enamels shall be no greater than 2.2 pounds on a weight-solids basis.

(e) The weight of VOCs, in pounds, per pound of coating solids of all other coatings shall no greater than 14.3 pounds on a weight-solids basis.

(f) The weight of VOCs, in pounds, per pound of coating solids of all clear sealers shall be no greater 3.9 pounds on a weight-solids basis.

003 [25 Pa. Code §129.52]

Surface coating processes

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

A permittee shall not cause or permit the emission into the outdoor atmosphere of VOCs from the application of furniture finishing coatings, unless the coatings are applied using electrostatic, airless, curtain coating, roll coating, hand roller, hand brush, flow coating, dip coating or high volume-low pressure application equipment, and the total usage of the finishing material is less than 5% of the total usage of the finishing material used during the semiannual reporting.

Air atomized sprays may be used to apply other coatings if the volume of the other coatings is less than 5% by volume of the total coatings used at the facility, or to apply final repair coatings.

004 [25 Pa. Code §129.52]

Surface coating processes

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

All stains used, other than those regulated pursuant to Table 1 of 25 Pa. Code § 129.52, shall contain no more than 6.8 pounds of volatile organic compounds per gallon of stain (minus water) (89.37 pounds per gallon solid), as mixed for application.

SECTION D. Source Level 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.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following on a daily basis:

- (i) quantity and type of each finishing material used;
- (ii) daily coating quantity in gallons and pounds of coatings as applied;
- (iii) the coating composition:
 - (A) percent solids by volume
 - (B) percent solvent by volume
 - (C) percent water by volume
 - (D) pounds of VOC per gallon of coating (minus water) of each finishing used
 - (E) solvent density
- (iv) coating density before and after additional diluents;
- (v) identification and density of finishing material and diluents;
- (vi) gallons of finishing material and diluents used;
- (vii) density of the diluents used;
- (viii) weight percent of the organic volatiles in each coating.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following information for each coating, thinner and other component used for the Wood Coating - Filter Booth (Source ID: 102):

- (a) The identity and quantity of all cleanup solvents;
- (b) The name and content of any Hazardous Air Pollutants (HAPs) in the cleaning solution;
- (c) The hours of operation on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall maintain comprehensive accurate records, which clearly demonstrate that compliance is being achieved with all contained therein.

SECTION D. Source Level Requirements

- (1) The permittee shall record on a daily basis the following:
 - (i) quantity and type (sealer, etc.) of each type of material used;
 - (ii) daily coating quantity in gallons and pounds of coating as applied;
 - (iii) the coating composition
 - (A) percent solids by volume
 - (B) percent solvent by volume
 - (C) percent water by volume
 - (D) pounds of VOC per gallon of coating (minus water) of each finishing material used
 - (E) solvent density
 - (iv) coating density before and after additional diluents;
 - (v) identification and density of finishing material and diluents;
 - (vi) gallons of finishing material and diluents used;
 - (vii) density of the diluents used;
 - (viii) weight percent of the organic volatiles in each coating.
- (2) Data shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.
- (3) The permittee shall submit a report to the Department on a quarterly basis summarizing the actual and allowable daily VOC emissions from the water booth, filter booth, and staining operation. The report shall list days of noncompliance and shall be in a format approved by the Department.
- (4) The Department reserves the right to revise the frequency of reporting requirements, if warranted.

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.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall prepare a written Work Practice Implementation Plan to be followed with respect to the dry air booth (Source ID: 101), the filter booth (Source ID: 102), and the staining operations (Source ID: 201). All new and existing personnel, including contract personnel, who are involved in the coating or cleaning operations, shall receive training. All personnel shall be given refresher training annually. This Work Practice Implementation Plan is to be submitted to the Department within sixty (60) days of the issuance of the operating permit and shall include the following:

- (a) The permittee shall maintain a written copy of the training program and also keep records of employee training, which shall include, at a minimum, the following:

SECTION D. Source Level Requirements

- (1) A list of all personnel by name and job description that are required to be trained;
 - (2) An outline of the subjects to be covered in the initial and refresher training for each person, or group of personnel;
 - (3) Lesson plans for courses to be given at initial and annual refresher training that included, at a minimum, appropriate application techniques, appropriate cleaning procedures, and appropriate management of cleanup wastes;
 - (4) A description of methods to be used at the completion of initial or refresher training to demonstrate and document successful completion.
- (b) The permittee shall prepare and maintain a written leak inspection and maintenance plan which shall include, at a minimum, the following:
- (1) A minimum visual inspection frequency of once per month for all equipment used to transfer or apply coatings or solvents;
 - (2) An inspection schedule;
 - (3) Methods for documenting the date and results of each inspection and any repair that were made;
 - (4) The time frame between identifying a leak and making the repair, shall adhere to the following:
 - (i) First attempts at repair must be made within five (5) working days after the respective leak is detected;
 - (ii) Final repairs, if needed must be made within fifteen (15) working days after the respective leak is detected, unless the leaking equipment is to be replaced by a new purchase in which case final repairs shall be completed within three (3) months after the respective leak is detected.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Topcoats meeting this condition, do not need to meet the requirements of condition # 002.

- (a) The VOC content of waterborne topcoats shall be equal to or less than 0.8 pounds of VOC per pound of solids.
- (b) The VOC content of higher-solid sealers shall be equal to or less than 1.9 pounds of VOC per pound of solids.
- (c) The VOC content of higher-solid topcoats shall be equal to or less than 1.8 pounds of VOC per pound of solids.
- (d) The VOC content of acid-cured alkyd amino vinyl sealers shall be equal to or less than 2.3 pounds of VOCs per pound of solids.
- (e) The VOC content of acid-cured alkyd amino conversion varnish topcoats shall be equal to or less than 2.0 pounds of VOCs per pound of solids.
- (f) The VOC content of other acid-cured alkyd amino sealers shall be equal to or less than 1.9 pounds of VOCs per pound of solids.
- (g) The VOC content of other acid-cured alkyd amino conversion varnishes topcoats shall be equal to or less than 2.0 pounds of VOCs per pound of solids.
- (h) The VOC content of other acid-cured alkyd amino vinyl sealer topcoats shall be equal to or less than 1.8 pounds of VOCs per

SECTION D. Source Level Requirements

pound of solids.

(i) The VOC content of the waterborne strippable spray booth coating shall be equal to or less than 0.8 pounds of VOCs per pound of solids.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID: 102 (Wood Coating - Filter Booth) is comprised of a single enclosed room or chamber with 2 spray guns nozzles protruding into the booth.

011 [25 Pa. Code §129.52]

Surface coating processes

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

012 [25 Pa. Code §129.52]

Surface coating processes

An owner or operator of a facility subject to the emission standards in 25 Pa. Code § 129.102 (relating to emission standards) shall demonstrate compliance with those provisions by using one or more of the following methods:

(1) To support that each sealer, topcoat and strippable spray booth coating meets the requirement of 25 Pa. Code § 129.102(1) (relating to emission standards):

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

(ii) Maintain documentation showing the VOC content of the as applied coating in lbs VOC/lb solids, if solvent or other VOC is added to the coating before application.

(iii) Perform sampling and testing in accordance with the procedures and test methods in Chapter 139 (relating to sampling and testing).

013 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.804]

**Subpart JJ--National Emission Standards for Wood Furniture Manufacturing Operations
Compliance procedures and monitoring requirements**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall limit the emissions of volatile hazardous air pollutants (VHAPS) from existing wood finishing operations by meeting the VHAP emission limitations specified below, using any of the compliance methods specified in 40 CFR Part 63 Subpart JJ, Section 63.804(a):

(a) For Finishing Operations:

(1) Achieve a weighted average VHAP across all coatings limited to 1.0-pound VHAP per pound of solids, as applied.

(2) Stains, washcoats, sealers, topcoats, basecoats, and enamels shall be limited to 1.0 pound of VHAP per pound of solids, as applied.

(3) Thinners (maximum percent VHAP allowable) shall be limited to 10 pounds of VHAPs per pound of solids, as applied.

(4) As an alternative, use control device limited to 1.0 pounds of VHAP per pound of coating.

(b) For Contact Adhesives:

SECTION D. Source Level Requirements

(1) Foam adhesives used in products that meet flammability requirements shall be limited to 1.8 pounds of VHAP per pound of solids, as applied.

(2) All other contact adhesives (including foam adhesives that do not meet flammability requirements) shall be limited to 1.0 pounds of VHAP per pound of solids, as applied.

SECTION D. Source Level Requirements

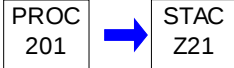
Source ID: 201

Source Name: WOOD COATING OPERATION (STAINING)

Source Capacity/Throughput:

7.000 Lbs/HR

SOLVENT



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of filterable particulate matter, as measured by Method 5 of 40 CFR 60, Appendix A (or an equivalent method approved by the Department), from this process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13 (c)(1)(i).

002 [25 Pa. Code §129.52]

Surface coating processes

(a) The weight of VOCs, in pounds, per pound of coating solids of all clear topcoats shall be no greater than 3.0 pounds on a weight-solids basis.

(b) The weight of VOCs, in pounds, per pound of coating solids of all wash coats shall be no greater than 14.3 pounds on a weight-solids basis.

(c) The weight of VOCs, in pounds, per pound of coating solids of all final repair coats shall be no greater than 3.3 pounds on a weight-solids basis.

(d) The weight of VOCs, in pounds, per pound of coating solids of all opaque ground coats and enamels shall be no greater than 2.2 pounds on a weight-solids basis.

(e) The weight of VOCs, in pounds, per pound of coating solids of all other coatings shall no greater than 14.3 pounds on a weight-solids basis.

(f) The weight of VOCs, in pounds, per pound of coating solids of all clear sealers shall be no greater 3.9 pounds on a weight-solids basis.

003 [25 Pa. Code §129.52]

Surface coating processes

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

A permittee shall not cause or permit the emission into the outdoor atmosphere of VOCs from the application of furniture finishing coatings, unless the coatings are applied using electrostatic, airless, curtain coating, roll coating, hand roller, hand brush, flow coating, dip coating or high volume-low pressure application equipment, and the total usage of the finishing material is less than 5% of the total usage of the finishing material used during the semiannual reporting.

Air atomized sprays may be used to apply other coatings if the volume of the other coatings is less than 5% by volume of the total coatings used at the facility, or to apply final repair coatings.

004 [25 Pa. Code §129.52]

Surface coating processes

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

All stains used, other than those regulated pursuant to Table 1 of 25 Pa. Code § 129.52, shall contain no more than 6.8 pounds of volatile organic compounds per gallon of stain (minus water) (89.37 pounds per gallon solid), as mixed for application.

SECTION D. Source Level 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.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following on a daily basis:

- (i) quantity and type of each finishing material used;
- (ii) daily coating quantity in gallons and pounds of coatings as applied;
- (iii) the coating composition:
 - (A) percent solids by volume
 - (B) percent solvent by volume
 - (C) percent water by volume
 - (D) pounds of VOC per gallon of coating (minus water) of each finishing used
 - (E) solvent density
- (iv) coating density before and after additional diluents;
- (v) identification and density of finishing material and diluents;
- (vi) gallons of finishing material and diluents used;
- (vii) density of the diluents used;
- (viii) weight percent of the organic volatiles in each coating.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following information for each coating, thinner and other component used for the Wood Coating Operation - Staining Operation (Source ID: 201):

- (a) The identity and quantity of all the cleanup solvents;
- (b) The name and content of any Hazardous Air Pollutants (HAPs) in the cleaning solutions;
- (c) The hours of operation on a daily basis.

IV. RECORDKEEPING REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall maintain comprehensive accurate records, which clearly demonstrate that compliance is being achieved with all contained therein.

SECTION D. Source Level Requirements

- (1) The permittee shall record on a daily basis the following:
 - (i) quantity and type (sealer, etc.) of each type of material used;
 - (ii) daily coating quantity in gallons and pounds of coating as applied;
 - (iii) the coating composition
 - (A) percent solids by volume
 - (B) percent solvent by volume
 - (C) percent water by volume
 - (D) pounds of VOC per gallon of coating (minus water) of each finishing material used
 - (E) solvent density
 - (iv) coating density before and after additional diluents;
 - (v) identification and density of finishing material and diluents;
 - (vi) gallons of finishing material and diluents used;
 - (vii) density of the diluents used;
 - (viii) weight percent of the organic volatiles in each coating.
- (2) Data shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.
- (3) The permittee shall submit a report to the Department on a quarterly basis summarizing the actual and allowable daily VOC emissions from the water booth, filter booth, and staining operation. The report shall list days of noncompliance and shall be in a format approved by the Department.
- (4) The Department reserves the right to revise the frequency of reporting requirements, if warranted.

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.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

The permittee shall prepare a written Work Practice Implementation Plan to be followed with respect to the dry air booth (Source ID: 101), the filter booth (Source ID: 102), and the staining operations (Source ID: 201). All new and existing personnel, including contract personnel, who are involved in the coating or cleaning operations, shall receive training. All personnel shall be given refresher training annually. This Work Practice Implementation Plan is to be submitted to the Department within sixty (60) days of the issuance of the operating permit and shall include the following:

- (a) The permittee shall maintain a written copy of the training program and also keep records of employee training, which shall include, at a minimum, the following:

SECTION D. Source Level Requirements

- (1) A list of all personnel by name and job description that are required to be trained;
 - (2) An outline of the subjects to be covered in the initial and refresher training for each person, or group of personnel;
 - (3) Lesson plans for courses to be given at initial and annual refresher training that included, at a minimum, appropriate application techniques, appropriate cleaning procedures, and appropriate management of cleanup wastes;
 - (4) A description of methods to be used at the completion of initial or refresher training to demonstrate and document successful completion.
- (b) The permittee shall prepare and maintain a written leak inspection and maintenance plan which shall include, at a minimum, the following:
- (1) A minimum visual inspection frequency of once per month for all equipment used to transfer or apply coatings or solvents;
 - (2) An inspection schedule;
 - (3) Methods for documenting the date and results of each inspection and any repair that were made;
 - (4) The time frame between identifying a leak and making the repair, shall adhere to the following:
 - (i) First attempts at repair must be made within five (5) working days after the respective leak is detected;
 - (ii) Final repairs, if needed must be made within fifteen (15) working days after the respective leak is detected, unless the leaking equipment is to be replaced by a new purchase in which case final repairs shall be completed within three (3) months after the respective leak is detected.

VII. ADDITIONAL REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

Topcoats meeting this condition, do not need to meet the requirements of condition # 002.

- (a) The VOC content of waterborne topcoats shall be equal to or less than 0.8 pounds of VOC per pound of solids.
- (b) The VOC content of higher-solid sealers shall be equal to or less than 1.9 pounds of VOC per pound of solids.
- (c) The VOC content of higher-solid topcoats shall be equal to or less than 1.8 pounds of VOC per pound of solids.
- (d) The VOC content of acid-cured alkyd amino vinyl sealers shall be equal to or less than 2.3 pounds of VOCs per pound of solids.
- (e) The VOC content of acid-cured alkyd amino conversion varnish topcoats shall be equal to or less than 2.0 pounds of VOCs per pound of solids.
- (f) The VOC content of other acid-cured alkyd amino sealers shall be equal to or less than 1.9 pounds of VOCs per pound of solids.
- (g) The VOC content of other acid-cured alkyd amino conversion varnishes topcoats shall be equal to or less than 2.0 pounds of VOCs per pound of solids.
- (h) The VOC content of other acid-cured alkyd amino vinyl sealer topcoats shall be equal to or less than 1.8 pounds of VOCs per

SECTION D. Source Level Requirements

pound of solids.

(i) The VOC content of the waterborne strippable spray booth coating shall be equal to or less than 0.8 pounds of VOCs per pound of solids.

010 [25 Pa. Code §129.52]

Surface coating processes

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

011 [25 Pa. Code §129.52]

Surface coating processes

An owner or operator of a facility subject to the emission standards in 25 Pa. Code § 129.102 (relating to emission standards) shall demonstrate compliance with those provisions by using one or more of the following methods:

(1) To support that each sealer, topcoat and strippable spray booth coating meets the requirement of 25 Pa. Code § 129.102(1) (relating to emission standards):

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

(ii) Maintain documentation showing the VOC content of the as applied coating in lbs VOC/lb solids, if solvent or other VOC is added to the coating before application.

(iii) Perform sampling and testing in accordance with the procedures and test methods in Chapter 139 (relating to sampling and testing).

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.804]

Subpart JJ--National Emission Standards for Wood Furniture Manufacturing Operations Compliance procedures and monitoring requirements

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.441.]

The permittee shall limit the emissions of volatile hazardous air pollutants (VHAPS) from existing wood finishing operations by meeting the VHAP emission limitations specified below, using any of the compliance methods specified in 40 CFR Part 63 Subpart JJ, Section 63.804(a):

(a) For Finishing Operations:

(1) Achieve a weighted average VHAP across all coatings limited to 1.0-pound VHAP per pound of solids, as applied.

(2) Stains, washcoats, sealers, topcoats, basecoats, and enamels shall be limited to 1.0 pound of VHAP per pound of solids, as applied.

(3) Thinners (maximum percent VHAP allowable) shall be limited to 10 pounds of VHAPs per pound of solids, as applied.

(4) As an alternative, use control device limited to 1.0 pounds of VHAP per pound of coating.

(b) For Contact Adhesives:

(1) Foam adhesives used in products that meet flammability requirements shall be limited to 1.8 pounds of VHAP per pound of solids, as applied.

(2) All other contact adhesives (including foam adhesives that do not meet flammability requirements) shall be limited to 1.0 pounds of VHAP per pound of solids, as applied.

SECTION D. Source Level Requirements

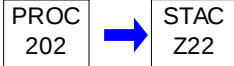
Source ID: 202

Source Name: GLUE PRESS

Source Capacity/Throughput:

0.100 Lbs/HR

SOLVENT



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the total VOC emissions from the Glue Press and the Sub Assembly Glue Operation, to less than three (3) pounds per hour, fifteen (15) pounds per day, or 2.7 tons per year, in any twelve (12) consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the hours of operation on a daily basis for the Glue Press and the Sub Assembly Glue Operation.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain accurate records, which clearly demonstrate that the VOC emissions from the Glue Press and the Sub Assembly Glue Operation do not exceed the limits specified in Condition #001 of this section.

(b) At a minimum, these records shall contain the following information:

(i) The hours of operation on a daily basis for the Glue Press and the Sub Assembly Glue Operation.

(ii) Material Data Safety Sheets (MSDS) for each of the adhesives.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain these sources in accordance with the manufacturer's specifications and good air pollution control practices.



SECTION D. Source Level Requirements

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

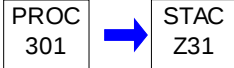
Source ID: 301

Source Name: CLEAN UP OPERATIONS

Source Capacity/Throughput:

6.500 Lbs/HR

SOLVENT



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 § 127.512(h).]

- (a) The permittee shall not use organic solvents containing more than 8.0% by weight of VOCs for cleaning panels.
- (b) The permittee shall limit the total VOC emissions from the Clean-Up Operations, to less than 11.0 tons per year, in any twelve (12) consecutive month period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following parameters for the Clean Up Operations (Source ID: 301):

- (1) The quantity and type of solvent used for wash off and cleaning on a daily basis.
- (2) The activity performed using the solvent on a daily basis.
- (3) The quantity of spent organic solvent generated from each activity, and whether it is recycled on site or disposed off site on a daily basis.
- (4) The monthly quantity of organic solvent:
 - (i) Used for wash off and cleaning;
 - (ii) Disposed off site; and
 - (iii) Recycled on site.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the hours of operation on a daily basis for the Clean Up Operations (Source ID: 301).

SECTION D. Source Level Requirements

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall develop a cleaning solvent accounting system to record the following:

- (1) The quantity and type of solvent used for wash off and cleaning.
- (2) The activity performed using the solvent.
- (3) The quantity of spent organic solvent generated from each activity, and whether it is recycled on site or disposed off site.
- (4) The monthly quantity of organic solvent:
 - (i) Used for wash off and cleaning;
 - (ii) Disposed off site; and
 - (iii) Recycled on site

(b) The permittee shall maintain comprehensive accurate records, which clearly demonstrate that the emissions from the clean up operations shall not exceed their specified limits.

(c) All records maintained pursuant to this condition shall be retained for two (2) years and shall be made available to the Department upon request.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall record the hours of operation on a daily basis for the Clean Up Operation (Source ID: 301).

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) All containers of VOC-containing cleanup solvents shall be kept closed at all times except when transferring material into or out of the containers.

(b) All solvent-wet cleaning rags shall be stored in closed containers when not in actual use.

007 [25 Pa. Code §129.52]

Surface coating processes

An owner or operator of a facility may not use compounds containing more than 8.0% by weight of VOC for cleaning spray booth components other than conveyors, continuous coaters and their enclosures, or metal filters, unless the spray booth is being refurbished. If the spray booth is being refurbished, that is, the spray booth coating or other material used to cover the booth is being replaced, the facility shall use no more than 1.0 gallon of solvent to prepare the booth prior to applying the booth coating.



SECTION D. Source Level Requirements

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

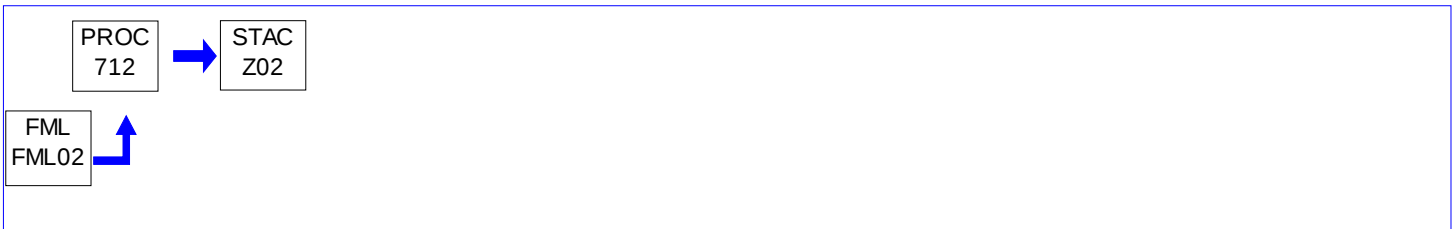
Source ID: 712

Source Name: MAKE-UP AIR

Source Capacity/Throughput: 1.400 MMBTU/HR

1,346.150 CF/HR

Natural Gas

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

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

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 ppmvd.

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

The permittee shall limit the total VOC emissions from the Make-Up Air unit (Source ID: 712) to less than three (3) pounds per hour, fifteen (15) pounds per day, or 2.7 tons in any twelve (12) consecutive month period.

II. TESTING REQUIREMENTS.

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

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

The permittee shall monitor, using a Department approved method, the amount of natural gas consumed and the hours of operation of the Make-Up Air unit (Source ID: 712) monthly.

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

(a) The permittee shall record monthly the amount of natural gas consumed and the hours of operation of the Make-Up Air unit (Source ID: 712).

(b) The permittee shall keep all the records on a monthly basis to demonstrate the compliance with the VOC emission limit of Condition No. 003.

V. REPORTING REQUIREMENTS.

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

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

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 731

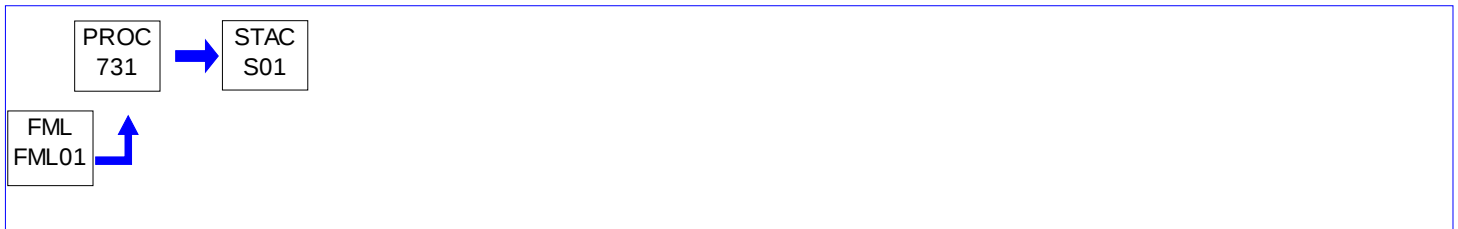
Source Name: SPACE HEATERS (19)

Source Capacity/Throughput:

2.600 MMBTU/HR

2.600 Th Gal/HR

#2 Oil

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

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

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 ppmvd.

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

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

The permittee shall limit the total VOC emissions from the nineteen (19) Space Heaters (Source ID: 731) to less than three (3) pounds per hour, fifteen (15) pounds per day, or 2.7 tons in any twelve (12) consecutive month period.

Fuel Restriction(s).**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall only operate the Space Heaters (19) on No. 2 fuel oil, that has a maximum sulfur content of 0.3 % by weight.

II. TESTING REQUIREMENTS.**# 005 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

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

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

(2) Test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code Section 139.4(12) - (15).

(3) Results shall be reported in accordance with the units specified in 25 Pa. Code Section 123.33 (relating to combustion units).

(b) The testing requirements in Subpart (a) above shall be waived in the event that a receipt, showing the percent sulfur in the fuel is less than or equal to 0.3%, is obtained from the fuel supplier each time a delivery is made.

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

- (a) The permittee shall monitor the amount of No. 2 Fuel Oil consumed by the nineteen (19) Space Heaters (Source ID: 731), monthly using a method approved by the Department.
- (b) The permittee shall keep all the records on a monthly basis to demonstrate the compliance with the VOC emission limit of Condition No. 003.

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

- (a) The permittee shall record the amount of No. 2 Fuel Oil consumed by the nineteen (19) Space Heaters (Source ID: 731), monthly using a method approved by the Department.
- (b) The permittee shall obtain from the fuel oil supplier, a delivery receipt that certifies the percentage of sulfur, by weight, is less than or equal to 0.3%, each time a delivery is made.

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

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

The permittee shall operate and maintain these sources in accordance with the manufacturer's specifications and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

SECTION F. Emission Restriction Summary.

Source Id	Source Description		
101	WOOD COATING OPERATION (DRY AIR BOOTH)		
Emission Limit		Pollutant	
0.040	gr/DRY FT3	particulate matter	TSP
102	WOOD COATING-FILTER BOOTH		
Emission Limit		Pollutant	
0.040	gr/DRY FT3	particulate matter	TSP
201	WOOD COATING OPERATION (STAINING)		
Emission Limit		Pollutant	
0.040	gr/DRY FT3	particulate matter	TSP
202	GLUE PRESS		
Emission Limit		Pollutant	
2.700	Tons/Yr	12-consecutive months	VOC
301	CLEAN UP OPERATIONS		
Emission Limit		Pollutant	
11.000	Tons/Yr		VOC
712	MAKE-UP AIR		
Emission Limit		Pollutant	
500.000	PPMV	dry basis	SOX
0.040	gr/DRY FT3	particulate matter	TSP
2.700	Tons/Yr	12-consecutive months	VOC
731	SPACE HEATERS (19)		
Emission Limit		Pollutant	
500.000	PPMV	dry basis	SOX
0.040	gr/DRY FT3	particulate matter	TSP
2.700	Tons/Yr	12-consecutive months	VOC

Site Emission Restriction Summary

Emission Limit		Pollutant
24.900	Tons/Yr	12-month rolling sum
		VOC

SECTION G. Miscellaneous.

(a) The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C of this permit, do not require limitations, monitoring, or recordkeeping:

- (i) Forklifting and tow motors.
- (ii) Maintenance activities.
- (iii) Wood working operation.
- (iv) Wood welding operation.
- (v) 2,500 gallon underground storage tank for No. 2 Fuel Oil.

(b) The previously issued operating permit serves as a basis for the certain terms and conditions set forth in this Title V Operating Permit:

- (i) Operating Permit: OP-46-0078 (Facility VOC/NO_x RACT)

(c) The data listed in Section A, Site Inventory List, for capacity and fuel/material and the source capacity descriptions and the permit maps in Section D are for descriptive purposes and are not considered as maximum source capacities or design limitations or enforceable conditions. Source limits are indicated in the text conditions of Sections D and E and are listed in Section G of this Title V Operating Permit.

(d) This Title V Operating Permit No. 46-00078 (APS ID: 346689, Auth ID: 635588) has been renewed.

(e) The following changes have been made to the renewed TVOP-46-00078:

(1) Sections A, D, and F - Make-Up Air Unit: The source classification for this source was changed from a combustion unit to a process and the Source ID was changed from 012 to 712.

(2) Sections A, D, and F - Space Heaters (19): The source classification for this source group was changed from a combustion unit to a process and the Source ID was changed from 031 to 731.

(3) Sections A, D, and F - Subassembly Glue Operations (Source ID: 203): This source has been deactivated and all associated capacity/throughput and fuel/material data, as well as permit maps and applicable conditions have been removed from the renewed Title V Operating Permit.

(4) Section C, Condition #001 - Incorporated the provisions of 25 Pa. Code § 121.7 as an applicable Emission Restriction condition.

(5) Section C, Condition #010 - Incorporated the provisions of 40 CFR § 63.800, Subpart JJ as an applicable Throughput Restriction condition.

(6) Section C, Condition #007 - Omitted this condition. Duplicate of Section D, Source 301, Condition #001(a).

(7) Section C, Conditions #010 and #012 (now Condition #012) - Replaced with new provision enabling the Department to require testing it deems necessary to determine actual emission rates.

(8) Section C, Condition #014 (now Condition #015) - Revised this condition to included provisions for requesting reduction of the monitoring frequency from daily to weekly to monthly.

(9) Section C, Condition #017 - Incorporated the provisions of 40 CFR § 63.800, Subpart JJ as an applicable Recordkeeping Requirement condition.

(10) Section C, Condition #018 - Incorporated the malfunction notification requirement as an applicable Reporting Requirement condition.

(11) Section C, Condition #019 - Incorporated the deviations reporting requirement as an applicable Reporting Requirement condition.

SECTION G. Miscellaneous.

- (12) Section C, Condition #020 - Incorporated new annual compliance certification and semi-annual deviation reporting requirement as applicable Reporting Requirement conditions.
- (13) Section C, Condition #024 - Incorporated the provisions of 40 CFR 60.4, as an applicable Additional Requirement condition.
- (14) Section C, Condition #025 - Incorporated the provisions of 40 CFR 63.800, Subpart JJ as an applicable Additional Requirement condition.
- (15) Section C, Compliance Certification - Removed the 10/1/2002 submission deadline.
- (16) Section D, Sources 101, 102, 103, and 201, Condition #001 - Revised particulate matter emission limit condition (25 Pa. Code § 123.13) to include reference to Method 5 of 40 CFR 60.
- (17) Section D, Sources 101, 102, 103, and 201, Condition #012 - Revised Additional Requirement condition containing the VOC emission standards for wood furniture manufacturing operation by including the following emission limits:
- i. (g) The VOC content of acid-cured alkyd amino conversion varnish topcoats shall be equal to or less than 2.0 pounds of VOCs per pound of solids.
 - ii. (h) The VOC content of other acid-cured alkyd amino vinyl sealer topcoats to be equal or less than 1.8 pounds of VOCs per pound of solids.
- (18) Section D, Sources 101, 102, 103, and 201 - Incorporated the provisions of 40 CFR § 63.804, Subpart JJ as an applicable Additional Requirement condition.
- (19) Section D, Source 202, Condition #001(b) - Omitted this non-applicable condition.
- (20) Section D, Source 202, Condition #003(ii) - Included additional requirement to maintain MSDS for each of the adhesives.
- (21) Section D, Source 301, Condition #001(3) - Omitted this non-applicable condition.
- (22) Section D, Sources 712 and 731, Condition #001 - Replaced the particulate matter emission limit provisions of 25 Pa. Code § 123.11 (for combustion units) with the applicable particulate matter emission limit provisions of 25 Pa. Code § 123.13 (for processes).
- (23) Section D, Source 712, Condition #002 - Replaced the sulfur oxide emission limit provisions of 25 Pa. Code § 123.22 (for combustion units) with the applicable sulfur oxides emission limit provisions of 25 Pa. Code § 123.21 (for processes).
- (24) Section D, Source 712, Conditions #003 and #004 - Changed the frequency of monitoring and recordkeeping of the fuel usage and hours of operation from weekly to monthly.
- (25) Section D, Source 731, Condition #002 - Incorporated the applicable sulfur oxides emission limit provisions of 25 Pa. Code § 123.21 (for processes).
- (26) Section D, Source 731, previously Condition #002 (now Condition #004) - Changed the restriction type for this condition from an Emission Restriction to Fuel Type Restriction. Changed the regulatory authority for this condition from 25 Pa. Code §123.22 to 25 Pa. Code § 127.441.
- (27) Section D, Source 712, Conditions #005 and #006 - Changed the frequency of monitoring and recordkeeping of the fuel usage from weekly to monthly.
- (28) APS No. 346689; Auth No. 934694; Operating Permit Renewed.



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