



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

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: August 2, 2023

Effective Date: August 2, 2023

Expiration Date: August 1, 2028

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: 41-00011

Natural Minor

Federal Tax Id - Plant Code: 24-0817525-1

Owner Information

Name: JOHN SAVOY & SON INC
Mailing Address: 300 HOWARD ST
PO BOX 248
MONTOURSVILLE, PA 17754-2412

Plant Information

Plant: JOHN SAVOY & SON INC/MONTOURSVILLE PLT
Location: 41 Lycoming County 41803 Montoursville Borough
SIC Code: 2531 Manufacturing - Public Building And Related Furniture

Responsible Official

Name: ADAM SAVOY
Title: V.P. PRODUCTION
Phone: (570) 368 - 2424 Email: adsavoy@savoyfurniture.com

Permit Contact Person

Name: DEBORAH K VAIL
Title: CONTROLLER
Phone: (570) 368 - 2424 Email: DVail@savoyfurniture.com

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



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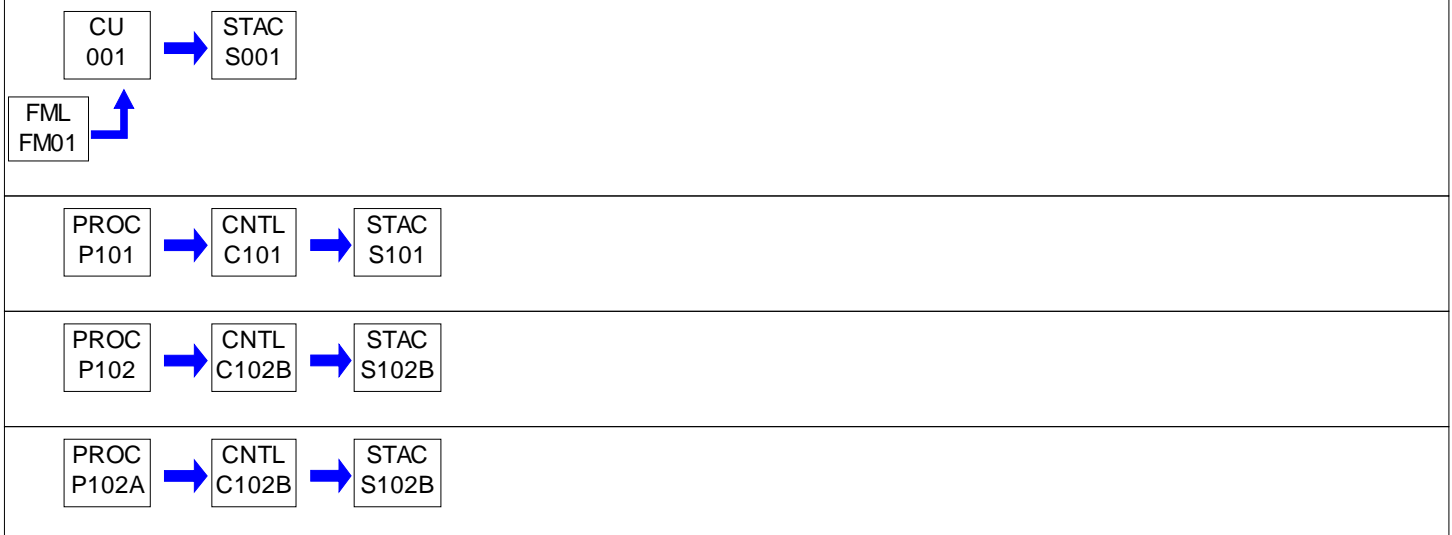
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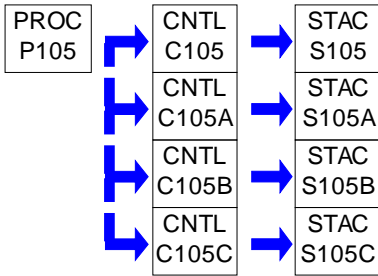
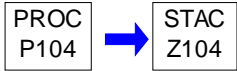
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
001	SPACE HEATERS	0.010 MCF/HR	Natural Gas
P101	FOUR NEW SPRAY BOOTHS (SEALER/TOPCOAT)	N/A	COATINGS
P102	UV COATER	N/A	COATING
P102A	SECOND UV COATER	N/A	COATING
P102B	CEFLA UV ROLL COATER		
P103	TWO OLD SPRAY BOOTHS (STAIN)	N/A	COATINGS
P104	GLUE SPREADER (LAMINATE)	N/A	GLUE
P105	WOODWORKING OPERATIONS		
C101	SPRAY BOOTH FILTERS FOR P101		
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PERMIT MAPS



PERMIT MAPS



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

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

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

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

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

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

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

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

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

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

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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

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

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

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

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

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

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

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

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

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

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

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

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

**SECTION B. General State Only Requirements**

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

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

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

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

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

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

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

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

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

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

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

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

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

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

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

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

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- (1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.
 - (2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.
 - (3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.
 - (4) Space heaters which heat by direct heat transfer.
 - (5) Laboratory equipment used exclusively for chemical or physical analysis.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:
- (1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.
 - (2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.
 - (3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.
- (g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.
- (h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

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

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

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (1) Construction or demolition of buildings or structures.
- (2) Grading, paving and maintenance of roads and streets.
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (4) Clearing of land.
- (5) Stockpiling of materials.
- (6) Open burning operations.
- (7) 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:
 - (a) The emissions are of minor significance with respect to causing air pollution.
 - (b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in condition #001(1)-(7) above if the emissions are visible at the point the emissions pass outside the person's property.

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

No person may 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.

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

No person may permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

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

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

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;

**SECTION C. Site Level Requirements**

(2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12 from operating permit 41-318-043]

The total combined volatile organic compound (VOC) emissions from Source IDs P101, P102 and P103 shall not exceed 40 tons in any 12 consecutive month period.

007 [25 Pa. Code §129.102]**Emission Standards**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.102(1) (Emission Standards for Wood Furniture Manufacturing Operations)]

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c) and with the VOC content limitations for sealers and topcoats as specified in Table I, Category 11 (Wood Furniture Manufacturing Operations) of 25 Pa. Code Section 129.52]

The permittee shall limit volatile organic compound (VOC) emissions, from the facility, by applying either waterborne topcoats or a combination of sealers and topcoats and strippable spraybooth coatings with a VOC content equal to or less than the standards specified in Table IV of 25 Pa. Code Section 129.102(1), summarized as follows:

- (1) Waterborne topcoats shall not exceed 0.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.
- (2) High solids sealers shall not exceed 1.9 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.
- (3) High solids topcoats shall not exceed 1.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.
- (4) Acid-cured alkyd amino sealers shall not exceed 2.3 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.
- (5) Acid-cured alkyd amino conversion varnish topcoats shall not exceed 2.0 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.
- (6) Other sealers shall not exceed 1.9 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.
- (7) Other topcoats shall not exceed 1.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.
- (8) Waterborne strippable spraybooth coatings shall not exceed 0.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

008 [25 Pa. Code §129.52]**Surface coating processes**

[Additional authority for this permit condition is derived from Table I of 25 Pa. Code Section 129.52]

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in

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40 CFR Section 52.2020(c)

The permittee shall not apply coatings, in this facility, that have a VOC content in excess of the following standards:

- (1) Washcoat: 14.3 lbs VOC per lb coating solids
- (2) Final Repair Coat: 3.3 lbs VOC per lb coating solids
- (3) Basecoats: 2.2 lbs VOC per lb coating solids
- (4) Cosmetic Specialty Coatings: 14.3 lbs VOC per lb coating solids

II. TESTING REQUIREMENTS.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.104(a)(1)]

The permittee shall conduct tests which determine through Method 24 of 40 CFR Part 60 and 25 Pa. Code Chapter 139 the VOC content (lbs VOC/lb coating solids) of all coatings, solvents and adhesives used at the facility,

OR

the permittee shall maintain documentation (certified product data sheets) from the supplier/manufacturer which determines the VOC content (lbs VOC/lb coating solids) of all coatings, solvents and adhesives used at the facility.

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

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing a EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. Electronic copies shall be sent to the Northcentral Regional Office Air Quality Program Manager and the PSIMS Administrator in Central Office. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) If applicable, pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

(d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or non-compliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.
4. Statement of compliance or non-compliance with each applicable permit condition.

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

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

**SECTION C. Site Level Requirements**

Department of Environmental Protection.

(g) Pursuant to 25 Pa. Code § 139.53(a)(1) and 139.53(a)(3), electronic copies of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified. In addition, an electronic copy shall be sent to the PSIMS Administrator in Central Office. Email addresses are provided on the PA DEP website.

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

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

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

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

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) Process conditions, for example, the charging rate of raw materials or the rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂ and N₂), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

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

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.

**SECTION C. Site Level Requirements**

(2) Observers, trained and certified, to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

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

(a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating, to detect visible emissions, visible fugitive emissions and malodors. Weekly inspections are necessary to determine:

- (1) the presence of visible emissions.
- (2) the presence of visible fugitive emissions.
- (3) the presence of malodors beyond the facility's property boundaries.

(b) All detected visible emissions, visible fugitive emissions or malodors that have the potential to exceed applicable limits shall be reported to the manager of the facility.

015 [25 Pa. Code §129.104]
Compliance procedures and monitoring requirements.

The permittee shall comply with all applicable monitoring requirements as specified in 25 Pa. Code Section 129.104(a)(1).

016 [25 Pa. Code §129.52]
Surface coating processes

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.52(b)(1)(iii)]

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c)]

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

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

Where:

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

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

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

Ww = Weight percent of water

Wex = Weight percent of exempt solvents

Wn = Weight percent of solids of the as applied coating

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall maintain a logbook of the weekly inspections and shall record instances of visible emissions, visible

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fugitive emissions and malodorous air emissions, the name of the company representative monitoring these instances, and the date and time of each occurrence. The permittee shall also record the corrective action(s) taken to abate each recorded deviation or to prevent future occurrences.

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

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

(a) The permittee shall keep records of all materials (finishing materials, coating materials, cleaning solutions, etc.) applied or used in, or associated with the use of, Source IDs P101, P102, P102A, P102B and P103. These records shall accurately identify the materials and the amounts of each material used on a daily/monthly basis and shall also include comprehensive compositional data for each material which accurately identifies and quantifies the volatile organic compound and hazardous air pollutant content of the respective materials. Additionally, the permittee shall keep records of all volatile organic compound and hazardous air pollutant-containing materials used elsewhere in the entire facility. These records shall identify the materials and the amounts of each material used on a monthly basis and shall also include comprehensive compositional data for each material which identifies and quantifies the volatile organic compound and the hazardous air pollutant content of the respective materials.

(b) The permittee shall keep records of the following:

(i) The supporting calculations to determine combined HAP emission in any 12 consecutive month period from all sources at the facility.

(ii) The supporting calculations to determine individual HAP emission in any 12 consecutive month period from all sources at the facility.

(iii) The supporting calculations to determine VOC emission in any 12 consecutive month period from all sources at the facility.

(iv) The supporting calculations used to verify compliance with any 12 consecutive month period for VOC emission limitation from Source IDs P101, P102 and P103.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.105(b)]

The permittee shall keep records of tests conducted through Method 24 of 40 CFR Part 60 and 25 Pa. Code Chapter 139 which determines the VOC content (lbs VOC/lb coating solids) for all coatings, solvents and adhesives used at the facility,

OR

the permittee shall keep documentation (certified product data sheets) from the supplier/manufacturer which determines the VOC content (lbs VOC/lb coating solids) of all coatings, solvents and adhesives used at the facility.

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

020 [25 Pa. Code §129.105]**Recordkeeping requirements**

The permittee shall comply with all the applicable recordkeeping requirements as specified in 25 Pa. Code Section 129.105(b), (f) and (g).

**SECTION C. Site Level Requirements****# 021 [25 Pa. Code §129.105]****Recordkeeping requirements**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.105(e) (Recordkeeping Requirements for Wood Furniture Manufacturing Operations)]

The permittee shall keep records of the work practice implementation plan and all records associated with fulfilling the requirements of that plan, including but not limited to:

- (1) Records demonstrating that the operator training program, required by 25 Pa. Code Section 129.103(b), is in place.
- (2) Records maintained in accordance with the leak inspection and maintenance plan required by 25 Pa. Code Section 129.103(c).
- (3) Records associated with the cleaning and washoff solvent accounting system required by 25 Pa. Code Section 129.103(d).
- (4) Records associated with the limitation on the use of conventional air spray guns showing total coating usage and the percentage of coatings applied with conventional air spray guns for each semiannual reporting period as required by 25 Pa. Code Section 129.103(g).
- (5) Records showing the VOC content of compounds used for cleaning booth components, except for solvent used to clean conveyors, continuous coaters and their enclosures or metal filters as required by 25 Pa. Code Section 129.103(h) and (i).
- (6) Copies of logs and other documentation developed to demonstrate that the other provisions of the work practice implementation plan are followed.

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

022 [25 Pa. Code §129.52]**Surface coating processes**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.52(c)]

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c)]

The permittee shall keep daily records of:

- (1) The following parameters for each coating, thinner and other component as supplied for use in each surface coating operation at the facility:
 - (i) The coating, thinner or component name and identification number.
 - (ii) The volume used.
 - (iii) The mix ratio.
 - (iv) The density or specific gravity.
 - (v) The weight percent of total volatiles, water, solids and exempt solvents.
- (2) The VOC content (lbs VOC/lb solids) of each coating, thinner and other component as supplied.
- (3) The VOC content (lbs VOC/lb solids) of each as applied coating.

**SECTION C. Site Level Requirements**

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

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

(a) The permittee shall maintain records including computerized records that may be necessary to comply with 25 Pa. Code Sections 135.3 and 135.21 (relating to reporting and emissions statements). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

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

V. REPORTING REQUIREMENTS.**# 024 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall submit the following on a semiannual basis:

(a) The supporting calculations to determine combined HAP emission in any 12 consecutive month period from all sources at the facility.

(b) The supporting calculations to determine individual HAP emission in any 12 consecutive month period from all sources at the facility.

(c) The supporting calculations to determine VOC emission in any 12 consecutive month period from all sources at the facility.

(d) The supporting calculations verifying compliance with any 12 consecutive month period for VOC emission limitation from Source IDs P101, P102 and P103.

The semiannual reports shall be submitted to the Department no later than March 1 (for January 1 through December 31 of the previous year) and September 1 (for July 1 of the previous year through June 30 of the current year).

025 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

026 [25 Pa. Code §127.442]**Reporting requirements.**

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

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

(c) The report shall describe the following:

**SECTION C. Site Level Requirements**

1. name, permit or authorization number, and location of the facility,
2. nature and cause of the malfunction, emergency or incident,
3. date and time when the malfunction, emergency or incident was first observed,
4. expected duration of excess emissions,
5. estimated rate of emissions,
6. corrective actions or preventative measures taken.

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

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

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

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

027 [25 Pa. Code §129.106]**Reporting requirements**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.106(a) and (b) (Reporting Requirements for Wood Furniture Manufacturing Operations)]

(a) The permittee shall submit semiannual reports including the information required by 25 Pa. Code Section 129.104(c)(1), (c)(4) and (d), a statement of whether the facility was in compliance or noncompliance and, if the facility was in noncompliance, the measures taken to bring the facility into compliance. The semiannual reports shall be submitted to the Department no later than September 1 (for January through June) and March 1 (for July through December of the previous year).

(b) The permittee shall comply with all applicable reporting requirements as specified in 25 Pa. Code Section 129.106.

028 [25 Pa. Code §135.3]**Reporting**

(a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit an annual Air Information Management Systems (AIMS) report, shall submit by March 1 of each year an annual AIMS report for the preceding calendar year. The report shall include information for 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) A person who receives initial notification by the Department that an annual AIMS report is necessary shall submit an initial annual AIMS report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

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

VI. WORK PRACTICE REQUIREMENTS.**# 029 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions for any source specified in 25 Pa Code Section 123.1(a)(1-9) to prevent

**SECTION C. Site Level Requirements**

particulate matter from becoming airborne. These actions shall include, but not limited to, the following:

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.
- (2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.
- (3) Paving and maintenance of roadways.
- (4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

030 [25 Pa. Code §127.441]
Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

All containers of finishing and/or coating materials, cleaning solutions, etc. shall be kept closed when not in actual use.

031 [25 Pa. Code §127.441]
Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for the fabric collectors (IDs C102B, C105, C105A, C105B, C105C) associated with Source IDs P102, P102A, P102B and P105 in order to be able to immediately replace any bags requiring replacement due to deterioration.

032 [25 Pa. Code §129.103]
Work practice standards

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.103 (Work Practice Standards for Wood Furniture Manufacturing Operations)]

(a) Work practice implementation plan. Within 60 days after the compliance date (June 11, 2001) specified in 25 Pa. Code Section 129.101(b) (relating to general provisions and applicability), the permittee shall:

(1) Prepare and maintain a written work practice implementation plan that defines work practices for each wood furniture manufacturing operation and addresses the provisions in subsections (b)--(j) below. The owner or operator of the facility shall comply with the work practice implementation plan.

(2) Make available the written work practice implementation plan for inspection by the Department upon request. If the Department determines that the work practice implementation plan does not adequately address the criteria specified in subsections (b)--(j) below, the Department may require that the facility owner or operator modify the plan.

(b) Operator training program. New and existing personnel, including contract personnel, who are involved in coating, cleaning or washoff operations or implementation of the requirements of 25 Pa. Code Sections 129.101--129.107 shall complete an operator training program.

(1) New personnel hired after June 10, 2000, shall be trained upon hiring.

(2) Existing personnel hired before June 10, 2000, shall be trained by December 11, 2000.

(3) Personnel shall be given refresher training annually.

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

**SECTION C. Site Level Requirements**

- (i) A list of all current personnel by name and job description that are required to be trained.
- (ii) An outline of the subjects to be covered in the initial and annual refresher training sessions for each position or group of personnel.
- (iii) Lesson plans for courses to be given at the initial and annual refresher training sessions that include, at a minimum, appropriate application techniques, appropriate cleaning and washoff procedures, appropriate equipment setup and adjustment to minimize coating usage and overspray and appropriate management of cleanup wastes.
- (iv) A description of the methods to be used at the completion of the initial or annual refresher training sessions to demonstrate and document successful completion.
- (v) A record of the date each employee is trained.
- (c) Leak inspection and maintenance plan. An owner or operator of a facility shall prepare and maintain with the work practice implementation plan a written leak inspection and maintenance plan which shall include the following:
 - (1) A minimum visual inspection frequency of once per month for all equipment used to transfer or apply coatings or solvents.
 - (2) An inspection schedule.
 - (3) The methods for documenting the date and results of each inspection and any repairs that were made.
 - (4) The time frame between identifying a leak and making the repair, which shall adhere to the following schedule:
 - (i) A first attempt at repairs, including tightening of packing glands, shall be made within 5 working days after the leak is detected.
 - (ii) Final repairs shall be made within 15 working days, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within 3 months.
- (d) Cleaning and washoff solvent accounting system. A solvent accounting form shall be developed to account for solvents used in cleaning and washoff operations. The information recorded on the form shall include the following:
 - (1) The total number of pieces processed through washoff operations each month and the reason for the washoff operations.
 - (2) The name and total quantity of each solvent used each month for:
 - (i) Cleaning activities.
 - (ii) Washoff operations.
 - (3) The name and total quantity of each solvent evaporated to the atmosphere each month from:
 - (i) Cleaning activities.
 - (ii) Washoff operations.
- (e) Spray booth cleaning. 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 C. Site Level Requirements**

- (f) Storage requirements. An owner or operator of a facility shall use normally closed containers for storing coating, cleaning and washoff materials.
- (g) Application equipment requirements. An owner or operator of a facility may not use conventional air spray guns to apply coatings except under any of the following circumstances:
- (1) To apply coatings that have a VOC content no greater than 1.0 lb VOC/lb solids (1.0 kg VOC/kg solids), as applied.
 - (2) For touch-up and repair coatings under one of the following circumstances:
 - (i) The coatings are applied after completion of the wood furniture manufacturing operation.
 - (ii) The coatings are applied after the stain and before any other type of coating is applied, and the coatings are applied from a container that has a volume of no more than 2.0 gallons.
 - (3) The spray is automated, that is, the spray gun is aimed and triggered automatically, not manually.
 - (4) The emissions from the surface coating process are directed to a VOC control system.
 - (5) The conventional air spray gun is used to apply coatings and the cumulative total usage of those coatings is no more than 5.0% of the total gallons of coating used during each semiannual reporting period.
 - (6) The conventional air spray gun is used to apply stain on a part for which the Department notifies the operator, in writing, of its determination that it is technically or economically infeasible to use any other spray application technology. To support the facility's claim of technical or economic infeasibility, a videotape, a technical report or other documentation shall be submitted to the Department showing either independently or in combination, the following:
 - (i) The production speed is too high or the part shape is too complex for one operator to coat the part, and the application station is not large enough to accommodate an additional operator.
 - (ii) The excessively large vertical spray area of the part makes it difficult to avoid sagging or runs in the stain.
 - (h) Line cleaning. The solvent used for line cleaning shall be pumped or drained into a normally closed container.
 - (i) Spray gun cleaning. The solvent used to clean spray guns shall be collected into a normally closed container.
 - (j) Washoff operations. The emissions from washoff operations shall be controlled by the following:
 - (1) Using normally closed containers for washoff operations.
 - (2) Minimizing dripping by tilting or rotating the part to drain as much solvent as possible.

033 [25 Pa. Code §129.52]
Surface coating processes

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.52(f)]

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c)]

The permittee shall not cause or permit the emission into the outdoor atmosphere of VOCs from the application of wood furniture coatings unless the coatings are applied using electrostatic, airless, curtain coating, roller coating, hand roller, hand brush, flow coating, dip coating or high volume-low pressure application equipment. Air atomized sprays may be used to apply cosmetic specialty coatings if the volume of the cosmetic specialty coatings is less than 5% by volume of the total coating used at this facility or to apply final repair coatings.

**SECTION C. Site Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 034 [25 Pa. Code §121.7]****Prohibition of air pollution.**

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

035 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The wood furniture manufacturing operations at this facility are subject to 25 Pa. Code Sections 129.101 through 129.107. The permittee shall comply with all applicable requirements specified in 25 Pa. Code Sections 129.101 through 129.107.

036 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The wood furniture manufacturing operations at this facility are subject to 25 Pa. Code Section 129.52. The permittee shall comply with all applicable requirements specified in 25 Pa. Code Section 129.52.

037 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

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: 001

Source Name: SPACE HEATERS

Source Capacity/Throughput:

0.010 MCF/HR

Natural Gas

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

001 [25 Pa. Code §123.22]

Combustion units

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22(a)(1)]

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR 52.2020(c)]

No person may permit the emission into the outdoor atmosphere of sulfur oxides (SO_x), expressed as SO₂, from each space heater of Source ID 001 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.**Fuel Restriction(s).**

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only fire natural gas in each space heater of Source ID 001.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

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

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

VII. ADDITIONAL REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID 001 consists of the following natural gas fired space heaters:

- (a) Blue Angel with a heat input capacity of 0.4 MMBtu/hr.
- (b) three Reznors with a heat input capacity of 0.225 MMBtu/hr each.
- (c) Applied Air with a heat input capacity of 0.5 MMBtu/hr.
- (d) Applied Air with a heat input capacity of 0.937 MMBtu/hr.
- (e) two Carriers with a heat input capacity of 0.08 MMBtu/hr each.
- (f) five Reznors with a heat input capacity of 0.40 MMBtu/hr each.
- (g) Applied Air with a heat input capacity of 0.40 MMBtu/hr.
- (h) two combined August Airs with a total heat input capacity of 0.80 MMBtu/hr.
- (i) nine Sterlings with a heat input capacity of 0.225 MMBtu/hr each.
- (j) August Air with a heat input capacity of 0.40 MMBtu/hr.
- (k) two Beacons with a heat input capacity of 0.40 MMBtu/hr each.
- (l) three Sterling QV225s with a heat input capacity of 0.250 MMBtu/hr each.
- (m) three Trane XR95s with a heat input capacity of 0.08 MMBtu/hr each.
- (n) Absolute Air with a heat input capacity of 2.00 MMBtu/hr.
- (o) Titan Air with a heat input capacity of 1.90 MMBtu/hr.
- (p) Applied Air with a heat input capacity of 1.22 MMBtu/hr.
- (q) Two Mr. Heaters with a heat input capacity of 0.025 MMBtu/hr each.

**SECTION D. Source Level Requirements**

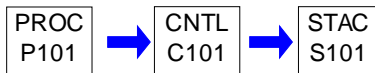
Source ID: P101

Source Name: FOUR NEW SPRAY BOOTHS (SEALER/TOPCOAT)

Source Capacity/Throughput:

N/A

COATINGS

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.13(c)(1)(i)]

The permittee shall not emit particulate matter from the exhaust of ID C101 associated with Source ID P101 in excess of 0.04 grain per dry standard cubic foot.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined VOC emissions from Source IDs P101, P102 and P103 shall not exceed 40 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) All stains used in Source ID P101 shall have an actual volatile organic compound content of not greater than 1.0 pounds per gallon, as mixed for application. Additionally, none of the stains used in Source ID P101 shall contain hazardous air pollutants.

(b) All sealers and topcoats used in Source ID P101 shall have an actual volatile organic compound content of not greater than 5.25 pounds per gallon, as mixed for application and a hazardous air pollutant content of not greater than 0.10 pounds per pound of coating solids, as mixed for application.

004 [25 Pa. Code §129.102]**Emission Standards**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.102(1) (Emission Standards for Wood Furniture Manufacturing Operations)]

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c) and with the VOC content limitations for sealers and topcoats as specified in Table I, Category 11 (Wood Furniture Manufacturing Operations) of 25 Pa. Code Section 129.52]

The permittee shall limit VOC emissions from Source ID P101 by applying either waterborne topcoats or a combination of sealers and topcoats and strippable spray booth coatings with a VOC content equal to or less than the standards specified in Table IV of 25 Pa. Code Section 129.102(1), summarized as follows:

(1) Waterborne topcoats shall not exceed 0.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

**SECTION D. Source Level Requirements**

(2) High solids sealers shall not exceed 1.9 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(3) High solids topcoats shall not exceed 1.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(4) Acid-cured alkyd amino sealers shall not exceed 2.3 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(5) Acid-cured alkyd amino conversion varnish topcoats shall not exceed 2.0 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(6) Other sealers shall not exceed 1.9 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(7) Other topcoats shall not exceed 1.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(8) Waterborne strippable spray booth coatings shall not exceed 0.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

005 [25 Pa. Code §129.52]**Surface coating processes**

[Additional authority for this permit condition is derived from Table I in 25 Pa. Code section 129.52]

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c)]

The permittee shall not apply Cosmetic Specialty Coatings in Source ID P101 that have a VOC content, as applied, greater than 14.3 pounds of VOC per pound of coating solids.

Throughput Restriction(s).**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) The only finishing and/or coating materials to be applied or used in Source ID P101 shall be stains, sealers, and topcoats.

(b) The only cleaning solutions to be used to clean anything associated with Source ID P101 shall be acetone or other non-volatile organic compound, non-hazardous air pollutant-containing materials.

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

The permittee shall keep gauges on hand to measure the air pressure, at the cap, of each spray gun of Source ID P101. The air pressure, at the cap, shall be measured at least once per month.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the monthly air pressure readings, at the cap, of each spray gun of Source ID P101.

Records of air pressure readings shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

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

The permittee shall keep records of the supporting calculations used to verify compliance with the particulate matter emission limitation for Source ID P101.

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

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

The permittee shall keep documentation (certified product data sheets) for all Cosmetic Specialty Coatings used in Source ID P101 to verify compliance with the VOC content limitation of 14.3 lbs VOC per lb coating solids.

All such documentation shall be kept for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 121.1]

The HVLP spray gun(s) of Source ID P101 shall operate between 0.1 and 10.0 psig air pressure at the cap, at all times.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) The only spray guns to be used in Source ID P101 shall be high volume low pressure (HVLP) type spray guns.

(b) All the spray guns of Source ID P101 shall be cleaned by either soaking them in a container of cleaning solution or spraying cleaning solution through the guns into closed containers. Spray lines shall be flushed into closed containers. All cleaning rags shall be stored in closed containers prior to disposal or reuse.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Each of the four spray booths of Source ID P101 shall be equipped with a full set of spray booth filters (ID C101) whenever

**SECTION D. Source Level Requirements**

the respective booth is in use.

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

Source ID P101 consists of 4 manually operated spray booths using HVLP type spray guns previously operating under permit #41-318-043. The particulate emissions shall be controlled by a full set of spray booth filters (ID C101).

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

Source ID P101 is subject to 25 Pa. Code Sections 129.52 and 129.101 through 129.107. The permittee shall comply with all applicable requirements specified in 25 Pa. Code Sections 129.52 and 129.101 through 129.107.

**SECTION D. Source Level Requirements**

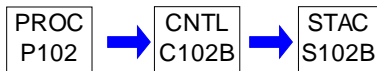
Source ID: P102

Source Name: UV COATER

Source Capacity/Throughput:

N/A

COATING

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.13(c)(1)(i)]

The permittee shall not emit particulate matter from ID C102B associated with Source ID P102 in excess of 0.04 grain per dry standard cubic foot.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined VOC emissions from Source IDs P101, P102 and P103 shall not exceed 40 tons in any 12 consecutive month period.

003 [25 Pa. Code §129.102]**Emission Standards**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.102(1) (Emission Standards for Wood Furniture Manufacturing Operations)]

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c) and with the VOC content limitations for topcoats and sealers as specified in Table I, Category 11 (Wood Furniture Manufacturing Operations) of 25 Pa. Code Section 129.52]

(a) The permittee shall not apply topcoat in Source ID P102 that has a VOC content, as applied, greater than 1.8 pounds of VOC per pound of coating solids.

(b) The permittee shall not apply sealer in Source ID P102 that has a VOC content, as applied, greater than 1.9 pounds of VOC per pound of coating solids.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) The only finishing and/or coating materials to be applied or used in Source ID P102 shall be stains, sealers, and topcoats.

(b) The only cleaning solutions to be used to clean anything associated with Source ID P102 shall be acetone or other non-volatile organic compound, non-hazardous air pollutant-containing materials.

**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.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

All cleaning rags shall be stored in closed containers prior to disposal or reuse.

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

Source ID P102 is a Dubois Machine Company UV coater used to coat flat surfaces. The particulate emissions shall be controlled by a Scientific brand model SPJ-108-X4B10 fabric collector (Control Device ID C102B).

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

Source ID P102 is subject to 25 Pa. Code Sections 129.52 and 129.101 through 129.107. The permittee shall comply with all applicable requirements specified in 25 Pa. Code Sections 129.52 and 129.101 through 129.107.

**SECTION D. Source Level Requirements**

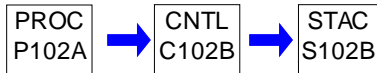
Source ID: P102A

Source Name: SECOND UV COATER

Source Capacity/Throughput:

N/A

COATING

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.13(c)(1)(i)]

The permittee shall not emit particulate matter from ID C102B associated with Source ID P102A in excess of 0.04 grain per dry standard cubic foot.

**# 002 [25 Pa. Code §129.102]
Emission Standards**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.102(1) (Emission Standards for Wood Furniture Manufacturing Operations)]

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c) and with the VOC content limitations for topcoats and sealers as specified in Table I, Category 11 (Wood Furniture Manufacturing Operations) of 25 Pa. Code Section 129.52]

(a) The permittee shall not apply topcoat in Source ID P102A that has a VOC content, as applied, greater than 1.8 pounds of VOC per pound of coating solids.

(b) The permittee shall not apply sealer in Source ID P102A that has a VOC content, as applied, greater than 1.9 pounds of VOC per pound of coating solids.

Throughput Restriction(s).**# 003 [25 Pa. Code §127.441]
Operating permit terms and conditions.**

(a) The only coating to be used in Source ID P102A shall be Sherwin-Williams Sher-Wood Ultra-Cure U.V. topcoat (product #V86F90074) or a coating having an equivalent VOC content. The coating shall not be thinned or reduced prior to use.

(b) The only material to be used for cleanup activities on Source ID P102A shall be acetone and no more than 100 gallons shall be used in any 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).

**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.**

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

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

The permittee shall keep records of the amount of acetone used each month for cleanup activities on Source ID P102A as well as any supporting documentation used to verify compliance with the 12 consecutive month acetone usage limitation for Source ID P102A (if any thinner or reducer is ever used or any cleanup solvent other than acetone, records of the identity of these materials and the amount used on Source ID P102A each month shall also be maintained).

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

Source ID P102A is a Dubois Machine Company UV coater used to coat flat surfaces. The particulate emissions shall be controlled by a Scientific brand model SPJ-108-X4B10 fabric collector (Control Device ID C102B).

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

Source ID P102A is subject to 25 Pa. Code Sections 129.52 and 129.101 through 129.107. The permittee shall comply with all applicable requirements specified in 25 Pa. Code Sections 129.52 and 129.101 through 129.107.

**SECTION D. Source Level Requirements**

Source ID: P102B

Source Name: CEFLA UV ROLL COATER

Source Capacity/Throughput:

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

[Compliance with this streamlined permit condition assures compliance with the provisions of 25 Pa. Code Section 123.13]

The permittee shall not emit particulate matter from ID C102B associated with Source ID P102B in excess of 0.01 grain per dry standard cubic foot.

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

The VOC content of the stains used in Source ID P102B shall not exceed 0.11 lbs/gal. This limitation was originally established via RFD on 4/13/2017 as a condition of approval.

003 [25 Pa. Code §129.102]**Emission Standards**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.102(1) (Emission Standards for Wood Furniture Manufacturing Operations)]

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c) and with the VOC content limitations for topcoats and sealers as specified in Table I, Category 11 (Wood Furniture Manufacturing Operations) of 25 Pa. Code Section 129.52]

(a) The permittee shall not apply topcoat in Source ID P102B that has a VOC content, as applied, greater than 1.8 pounds of VOC per pound of coating solids.

(b) The permittee shall not apply sealer in Source ID P102B that has a VOC content, as applied, greater than 1.9 pounds of VOC per pound of coating solids.

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

Source ID P102B shall only use Sher-wood Ultra-Cure U.V. Sealer, Topcoat, and Stain (or equivalent coatings approved by the Department). The volume of coatings used in Source ID P102B shall not exceed the following amounts in any 12 consecutive month period:

a) Sher-wood Ultra-Cure U.V. Sealer - 4360 gallons

b) Sher-wood Ultra-Cure U.V. Topcoat - 1760 gallons

c) Sher-wood Ultra-Cure U.V. Stain - 1200 gallons (approved via RFD on 4/13/2017)

**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.

Fabric collector C102B associated with Source ID P102B shall be equipped with a monitor or gauge that will accurately and continuously monitor the pressure drop across the fabric collector.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop reading from fabric collector C102B shall be recorded at least once each week.

Records of pressure drop readings shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall create and maintain monthly records demonstrating compliance with the sealer, topcoat, and stain throughput limitations. These records shall be maintained for a minimum of 5 years and be made available to the Department upon request.

(b) The permittee shall keep environmental data sheets at the facility for each of the sealer, topcoat, and stains used in Source ID P102B. These data sheets shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The fabric collector C102B shall be operated and maintained according to the manufacturer's specifications and recommendations.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for fabric collectors C102B in order to be able to immediately replace any bags requiring replacement due to deterioration.

VII. ADDITIONAL REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Source ID P102B is a CEFLA brand U.V. roll coating system, the particulate emissions from which shall be controlled by a Scientific brand model SPJ-108-X4B10 fabric collector (Control Device ID C102B).

**SECTION D. Source Level Requirements**

In accordance with Conditions of Approval of the Request for Determination (RFD) approved on April 13, 2017, the permittee shall utilize the Ultra-Cure UV stains in Source ID P102B as described in the March 21, 2017, RFD application.

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

Source ID P102B is subject to 25 Pa. Code Sections 129.52 and 129.101 through 129.107. The permittee shall comply with all applicable requirements specified in 25 Pa. Code Sections 129.52 and 129.101 through 129.107.

**SECTION D. Source Level Requirements**

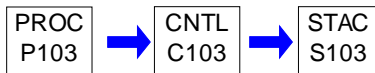
Source ID: P103

Source Name: TWO OLD SPRAY BOOTHS (STAIN)

Source Capacity/Throughput:

N/A

COATINGS

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.13(c)(1)(i)]

The permittee shall not emit particulate matter from the exhaust of ID C103 associated with Source ID P103 in excess of 0.04 grain per dry standard cubic foot.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined VOC emissions from Source IDs P101, P102 and P103 shall not exceed 40 tons in any 12 consecutive month period.

003 [25 Pa. Code §129.102]**Emission Standards**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.102(1) (Emission Standards for Wood Furniture Manufacturing Operations)]

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c) and with the VOC content limitations for sealers and topcoats as specified in Table I, Category 11 (Wood Furniture Manufacturing Operations) of 25 Pa. Code Section 129.52]

The permittee shall limit VOC emissions from Source ID P103 by applying either waterborne topcoats or a combination of sealers and topcoats and strippable spray booth coatings with a VOC content equal to or less than the standards specified in Table IV of 25 Pa. Code Section 129.102(1), summarized as follows:

(1) Waterborne topcoats shall not exceed 0.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(2) High solids sealers shall not exceed 1.9 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(3) High solids topcoats shall not exceed 1.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(4) Acid-cured alkyd amino sealers shall not exceed 2.3 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(5) Acid-cured alkyd amino conversion varnish topcoats shall not exceed 2.0 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

**SECTION D. Source Level Requirements**

(6) Other sealers shall not exceed 1.9 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(7) Other topcoats shall not exceed 1.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

(8) Waterborne strippable spray booth coatings shall not exceed 0.8 pounds of VOC per pound of coating solids (kg per kg coating solids), as applied.

004 [25 Pa. Code §129.52]
Surface coating processes

[Additional authority for this permit condition is derived from Table I in 25 Pa. Code section 129.52]

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provision in 40 CFR Section 52.2020(c)]

The permittee shall not apply Cosmetic Specialty Coatings in Source ID P103 that have a VOC content, as applied, greater than 14.3 pounds of VOC per pound of coating solids.

Throughput Restriction(s).

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

The only finishing and/or coating materials to be applied or used in Source ID P103 shall be stains, sealers and topcoats.

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.

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

The permittee shall keep gauges on hand to measure the air pressure, at the cap, of each spray gun of Source ID P103. The air pressure, at the cap, shall be measured at least once per month.

IV. RECORDKEEPING REQUIREMENTS.

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

The permittee shall keep records of the monthly air pressure readings, at the cap, of each spray gun of Source ID P103.

Records of the air pressure readings shall be retained for a minimum of 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 keep documentation (certified product data sheets) for all Cosmetic Specialty Coatings used in Source ID P103 to verify compliance with the VOC content limitation of 14.3 lbs VOC per lb coating solids.

All such documentation shall be kept for a minimum of 5 years and shall be made available to the Department upon request.

**SECTION D. Source Level Requirements****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the supporting calculations used to verify compliance with the particulate matter emission limitation for Source ID P103.

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

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 121.1]

The HVLP spray gun(s) of Source ID P103 shall operate between 0.1 and 10.0 psig air pressure at the cap, at all times.

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

Source ID P103 consists of 2 "old" manually operated spray booths, utilizing HVLP type spray guns. The particulate emissions shall be controlled by a full set of spray booth filters (ID C103).

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

Source ID P103 is subject to 25 Pa. Code Sections 129.52 and 129.101 through 129.107. The permittee shall comply with all applicable requirements specified in 25 Pa. Code Sections 129.52 and 129.101 through 129.107.

**SECTION D. Source Level Requirements**

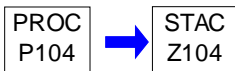
Source ID: P104

Source Name: GLUE SPREADER (LAMINATE)

Source Capacity/Throughput:

N/A

GLUE

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

(a) The only adhesive to be used in Source ID P104 shall be Lokweld (LW) 3140 (a.k.a. Wilsonart (WA) 3140) or alternate glue or adhesive having an equivalent or lower volatile organic compound (VOC) and hazardous air pollutant (HAP) content (as determined by the Department).

(b) Nothing shall be added to the adhesive or glue used in Source ID P104 other than water.

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

No more than 3000 gallons of adhesive or glue shall be used in Source ID P104 in any 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.

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

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

The permittee shall keep records of the number of gallons of adhesive or glue used in Source ID P104 each month as well as any supporting documentation used to verify compliance with the 12 consecutive month adhesive/glue usage limitation.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

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

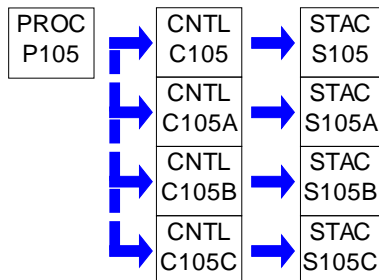
Source ID P104 is a Black Brothers model 775 - 68" top and bottom glue spreader used to apply adhesive to wood substrate material to attach laminate.

**SECTION D. Source Level Requirements**

Source ID: P105

Source Name: WOODWORKING OPERATIONS

Source Capacity/Throughput:

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

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.13(c)(1)(i)]

The permittee shall not emit particulate matter from each of the exhausts of IDs C105 and C105A associated with Source ID P105 in excess of 0.04 grain per dry standard cubic foot.

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

The particulate matter emissions from the Pneumafil fabric collector (Source ID C105B) associated with Source ID P105 shall not exceed 0.005 grains per dry standard cubic feet (gr/dscf).

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

The particulate matter emissions from the Camcorp fabric collector, C105C, associated with Source ID P105 shall not exceed 0.01 grains per dry standard cubic feet.

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.**

(a) Fabric collectors C105, C105A, and C105B, associated with Source ID P105, shall be equipped with monitors or gauges that will accurately and continuously monitor the pressure drop across each of the fabric collectors.

(b) The Camcorp fabric collector, C105C, associated with Source ID P105, shall be equipped with a Digihelic Differential Pressure Controller which will sound an alarm should the monitored differential pressures fall outside the range of 0.2" to 6.0" w.c.

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

The pressure drop readings from each fabric collector, C105, C105A, C105B, and C105C, shall be recorded at least once each week.

**SECTION D. Source Level Requirements**

Records of pressure drop readings shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

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

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

The fabric collectors, C105, C105A, C105B, and C105C, shall be operated and maintained according to the manufacturer's specifications and recommendations.

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

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for all fabric collectors (IDs C105, C105A, C105B, and C105C) associated with Source ID P105 in order to be able to immediately replace any bags requiring replacement due to deterioration.

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

The fabric collectors associated with Source ID P105 may only be used to control emissions of particulate matter generated by operations in which wood or a wood product is sawed, sanded, planed, or similarly shaped or reshaped. It may not be used for control of activities such as painting, finishing, hardboard manufacturing, plywood manufacturing, and the like.

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

(a) Source ID P105 consists of woodworking operations (cutting, planing, drilling, routing and sanding of wood parts). The particulate emissions shall be controlled by a pulse jet Scientific Dust Collector, model SPJ-182-X4B8 fabric collector (ID C105), a pulse jet Mikropul, model 121S1020TR fabric collector (ID C105A), a Pneumafil, model 8.5-162-12 S.F.F fabric collector (ID C105B), and a Camcorp model 12HVP368 fabric collector (ID C105C). All fabric collectors shall have the capability of exhausting both into and outside the facility.

(b) The Camcorp fabric collector, C105C, was approved via RFD #8308 on September 29, 2020.



SECTION E. Source Group Restrictions.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description	Emission Limit	Pollutant
001	SPACE HEATERS	4.000 Lbs/MMBTU	SOX
P101	FOUR NEW SPRAY BOOTHS (SEALER/TOPCOAT)	0.040 gr/DRY FT3	TSP
P102	UV COATER	0.040 gr/DRY FT3	TSP
P102A	SECOND UV COATER	0.040 gr/DRY FT3	TSP
P102B	CEFLA UV ROLL COATER	0.010 gr/DRY FT3	TSP
P103	TWO OLD SPRAY BOOTHS (STAIN)	0.040 gr/DRY FT3	TSP
P105	WOODWORKING OPERATIONS	0.040 gr/DRY FT3	TSP

Site Emission Restriction Summary

Emission Limit	Pollutant
40.000 Tons/Yr for P101, P102 & P103	VOC



SECTION H. Miscellaneous.

The following air contaminant sources are considered to be of minor significance to the Department and have been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all the applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

1. Wood gluing operations
2. Miscellaneous cleaning with mineral spirits
3. Caulking operations
4. Aerosol spray can adhesives
5. Unpaved driveways and parking areas
6. Spray booth for contact cement (Wilsonart (WA) H2O)

The total VOC emissions from all insignificant sources combined is less than 0.25 tons in any 12 consecutive month period.



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