

Facility DEC ID: 6214800047

**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-2148-00047/00001  
Effective Date: 07/14/2021 Expiration Date: 07/13/2031

Permit Issued To: F E HALE MFG CO  
11206 Cosby Manor Rd  
Utica, NY 13502

Contact: JAMES D BENSON  
F E HALE MANUFACTURING Co.  
Cosby Manor Rd PO BOX 186  
Schuyler, NY 13340  
(315) 894-5490

Facility: F.E. Hale MFG. Co.  
11206 Cosby Manor Rd  
Schuyler, NY 13502

Description:

This project consists of the development of a new Air State Facility Permit for the FE Hale Co.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: TERRY R TYOE  
NYSDEC - UTICA SUBOFFICE  
207 GENESEE ST  
UTICA, NY 13501-2885

Authorized Signature: \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_\_

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### Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

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**Facility Level**

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**DEC GENERAL CONDITIONS**  
**\*\*\*\* General Provisions \*\*\*\***  
**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**  
**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

**Item 1.2:**

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

**Item 1.3:**

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**  
**Applicable State Requirement: ECL 3-0301 (2) (m)**

**Item 2.1:**

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

**Condition 3: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

**Item 3.2:**

The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

**Item 3.3**

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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**Condition 4: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of application for permit modification or renewal-REGION 6**  
**SUBOFFICE - UTICA**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 6 Sub-office  
Division of Environmental Permits  
State Office Building, 207 Genesee Street  
Utica, NY 13501-2885  
(315) 793-2555

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**Permit Under the Environmental Conservation Law (ECL)**

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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Permit Issued To: F E HALE MFG CO  
11206 Cosby Manor Rd  
Utica, NY 13502

Facility: F.E. Hale MFG. Co.  
11206 Cosby Manor Rd  
Schuyler, NY 13502

Authorized Activity By Standard Industrial Classification Code:  
2521 - WOOD OFFICE FURNITURE

Permit Effective Date: 07/14/2021

Permit Expiration Date: 07/13/2031

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NOTE: \* preceding the condition number indicates capping.

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**FEDERALLY ENFORCEABLE CONDITIONS**

FINAL

\*\*\*\* Facility Level \*\*\*\*

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Sealing - 6 NYCRR 200.5**

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

**Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

**Item C: Maintenance of Equipment - 6 NYCRR 200.7**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and



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procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2**

(a) Except as otherwise provided by this Part, construction or operation of a new, modified or existing air contamination source without a registration or permit issued pursuant to this Part is prohibited.

(b) If an existing facility or emission source was subject to the permitting requirements of this Part at the time of construction or modification, and the owner or operator failed to apply for a permit or registration as described in this Part, the owner or operator must apply for a permit or registration in accordance with the provisions of this Part. The facility or emission source is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing emission sources.

**Item E: Recycling and Salvage - 6 NYCRR 201-1.7**

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

**Item F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8**

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

**Item G: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)**

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

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- Item H: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)**  
The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.
- Item I: Required Emission Tests - 6 NYCRR 202-1.1**  
An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.
- Item J: Open Fires Prohibitions - 6 NYCRR 215.2**  
Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.
- Item K: Permit Exclusion - ECL 19-0305**  
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the

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Clean Air Act brought by the United States or any person.

**Item L: Federally Enforceable Requirements - 40 CFR 70.6 (b)**  
 All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

**FEDERAL APPLICABLE REQUIREMENTS**  
**The following conditions are federally enforceable.**

**Condition 1: Non Applicable requirements**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (g)**

**Item 1.1:**  
 This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6 NYCRR 201-3.2 (c)  
 Reason: Two Weil McLain 1.7 MMBtu/hr natural gas-fired boilers (Sources 000AA & 000AB) are exempt from permitting per 6 NYCRR 201-3.2(c)(1)(i).  
 Reason: Each boiler is less than 10 MMBtu/hr.

The driving engine in one Onan 30Kw natural gas-fired IC genset (Source 000BB) is exempt from permitting per 6 NYCRR 201-3.2(c)(3)(ii).  
 Reason 1: The driving internal combustion (IC) engine is upstate, less than 400HP and gaseous powered.  
 Reason 2: Per 6 NYCRR 201-3.2(c)(6), engine drives an emergency power genset.

**Condition 2: Facility Permissible Emissions**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 2.1:**

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The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY998-00-0  
Name: VOC

PTE: 49,000 pounds per year

**Condition 3: Capping Monitoring Condition**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 3.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)  
6 NYCRR 228-1.1  
6 NYCRR 228-1.2  
6 NYCRR 228-1.4  
6 NYCRR 228-1.5  
6 NYCRR 228-1.6  
40 CFR Part 63, Subpart JJ

**Item 3.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

**Item 3.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 3.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 3.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

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**Item 3.6:**

The Compliance Demonstration activity will be performed for the facility:  
The Compliance Demonstration applies to:

Emission Unit: 0-00002

Emission Unit: 0-00003

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 3.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

CAP:

Facility owner shall ensure that the facility-wide emissions of volatile organic compounds (VOC), including those from permitted, exempt and trivial sources, remain less than 49,000 pounds during any consecutive 365 day period. FE Hale has self-imposed this 49,000 pound VOC cap for two reasons: The cap enables Hale to avoid the requirement for a Title V permit. The cap also enables Hale avoid the applicability of 6 NYCRR 228-1 ..... except ..... that the facility will still be required to comply with 228-1.3, which are the General Requirements.

RECORDS:

Facility owner shall maintain records that verify the facility's monthly VOC emissions. These records shall be maintained at the facility for a minimum five year period. Reports will be submitted annually and in a format that is acceptable to the Department, which document that the facility's VOC emissions during any consecutive 365 day period had been less than 49,000 pounds. At Hale, VOC emissions are expected to elute from surface coating operations and from the combustion of natural gas.

REPORTS:

The Annual Monitoring Report shall include information that documents the VOC emissions from each emission source at the facility, including exempt and trivial activities. The report shall also include all emission factors and other data used in calculating the monthly VOC emissions. The form "Annual Capping Certification" is required.

NONCOMPLIANCE:

Any noncompliance with the VOC emission limit in this



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WC shall require immediate root cause analysis and then expedient corrective action. Manometer readings shall be monitored and recorded once per week while the baghouse is in operation. This record and all other baghouse maintenance records shall be kept for a minimum period of five years.

Parameter Monitored: PRESSURE DROP  
 Lower Permit Limit: 0.5 inches of water  
 Upper Permit Limit: 5.5 inches of water  
 Reference Test Method: EPA RM 1 thru 5 & 202 if requested by NYSDEC  
 Monitoring Frequency: WEEKLY  
 Averaging Method: RANGE-NOT TO FALL OUTSIDE OF STATED RANGE EXCEPT DURING STARTUP/SHUTDOWN  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2022.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 6: Compliance Demonstration**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable Federal Requirement: 6 NYCRR 212-1.5 (g)**

**Item 6.1:**

The Compliance Demonstration activity will be performed for the facility:  
 The Compliance Demonstration applies to:

Emission Unit: 0-00003	Emission Source: 000DD
Process: WWW	
Emission Unit: 0-00003	Emission Source: 000EE
Process: WWW	
Emission Unit: 0-00003	Emission Source: 000FF
Process: WWW	
Emission Unit: 0-00003	Emission Source: 000GG
Process: WWW	
Emission Unit: 0-00003	Emission Source: 0FLDD
Process: WWW	
Emission Unit: 0-00003	Emission Source: 0FLEE
Process: WWW	
Emission Unit: 0-00003	Emission Source: 0FLFF
Process: WWW	
Emission Unit: 0-00003	Emission Source: 0FLGG
Process: WWW	

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Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10  
 CAS No: 0NY075-00-0 PARTICULATES

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Weekly, operators of each spray booth shall perform the following inspection:

- 1) Visually inspect the general vicinity of the emission point (outside) for evidence of paint fallout. Any such fallout may be indicative of paint filter malfunction.
- 2) Visually inspect paint booth filters and replace as necessary.
- 3) Monitor and log the pressure drop across the filter media (weekly) and compare that reading to normal baseline readings. Unusually low readings suggest a filter breach or filter dislodgement; high values suggest a clogged filter.
- 4) Determine the root cause of any problems and then take corrective action.
- 5) Maintain a written log that references details of the above inspection tasks. Log shall include the date, time and inspector's name. Inspector shall record the discovery of any problems/action items that were taken and a description of any corrective action taken. Facility shall maintain expeditious readiness to produce this log to the Department's representative. Keep records for a minimum five-year period.

Monitoring Frequency: WEEKLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 7: Compliance Demonstration**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable Federal Requirement: 6 NYCRR 212-1.6 (a)**

**Item 7.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:



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Emission Unit: 0-00002

Emission Point: 0000C

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

CAS No: 0NY075-00-0 PARTICULATES

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20% or greater for any consecutive six-minute period from any process emission source subject to 6 NYCRR 201.

EPA Reference Method 9 is the only formal determinate of opacity compliance and the Department reserves the right to perform or require the performance of a RM9.

In the absence of a formal RM 9, facility shall attest to opacity compliance by visually monitoring and recording the magnitude of optical density of the exhaust plume from each referenced emission point. This observation shall be made once per week and while the source is operating (It is understood that this emission point will only operate at times when this cleaned-exhaust airstream is NOT re-directed back to the inside of the manufacturing building). The observer shall not consider that portion of the plume that is due to water vapor. These observations shall be recorded in a log book which shall be submitted annually (and included in the Annual Monitoring Report) and shall be retained for a five year period.

If dense emissions (any that are greater than "clear" or "very minimal") are observed for two consecutive days, then facility shall:

- 1) Immediately investigate the root cause and take appropriate corrective action.
- 2) Conduct a certified EPA Reference Method 9 visible emission test
- 3) Notify the NYSDEC, Division of Air Resources, Region 6
- 4) If the Method 9 test determines that the opacity is less than 20%, then an appropriate log entry of "very minimal" shall be recorded.
- 5) If the RM9 certified observer detects opacity greater than 20%, then facility shall make such an entry in the

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log.

Parameter Monitored: OPACITY  
 Upper Permit Limit: 20 percent  
 Reference Test Method: Observe plume weekly, perform RM9 upon DEC request  
 Monitoring Frequency: WEEKLY  
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2022.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 8: Compliance Demonstration**  
 Effective between the dates of 07/14/2021 and 07/13/2031

**Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)**

**Item 8.1:**

The Compliance Demonstration activity will be performed for the facility:  
 The Compliance Demonstration applies to:

Emission Unit: 0-00002	Emission Point: 0000C
Emission Unit: 0-00003	Emission Point: 0000D
Emission Unit: 0-00003	Emission Point: 0000E
Emission Unit: 0-00003	Emission Point: 0000F
Emission Unit: 0-00003	Emission Point: 0000G

Regulated Contaminant(s):  
 CAS No: 0NY075-00-0 PARTICULATES

**Item 8.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from any process emission source for which an application was received by the department after July 1, 1973 are restricted as follows:

No facility owner or operator shall cause or allow emissions of particulate that exceed 0.050 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except in instances where determination of permissible emission rate using process weight for a specific source category emitting solid particulate is based upon Table 5 and Table 6 of Subdivisions 212-2.5(a) and (b) of this Part.

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Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.050 grains per dscf  
Reference Test Method: Method 5  
Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 9: Compliance Demonstration**  
Effective between the dates of 07/14/2021 and 07/13/2031

**Applicable Federal Requirement:6 NYCRR 228-1.1 (a) (4)**

**Item 9.1:**

The Compliance Demonstration activity will be performed for the facility:  
The Compliance Demonstration applies to:

Emission Unit: 0-00003  
Process: WWW

Regulated Contaminant(s):  
CAS No: 0NY998-00-0 VOC

**Item 9.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As a Class C (wood finishing) coating line, FE Hale is not subject to the provisions of Part 228 (notably, not required to comply with the VOC-content limitations of coatings), but still is required to comply with the General Requirements of 228 including opacity, recordkeeping, prohibition of sale and the handling, storage & disposal requirements.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 10: Compliance Demonstration**  
Effective between the dates of 07/14/2021 and 07/13/2031

**Applicable Federal Requirement:6 NYCRR 228-1.3 (a)**

**Item 10.1:**

The Compliance Demonstration activity will be performed for the facility:  
The Compliance Demonstration applies to:

Emission Unit: 0-00003 Emission Point: 0000D

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Emission Unit: 0-00003	Emission Point: 0000E
Emission Unit: 0-00003	Emission Point: 0000F
Emission Unit: 0-00003	Emission Point: 0000G
Regulated Contaminant(s):	
CAS No: 0NY075-00-5	PM-10

**Item 10.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL  
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, excepting only the emission of uncombined water, in this case - the emission points (stacks) for a coating operation. The permittee will conduct WEEKLY observations of visible emissions from the emission points to which this condition applies. The observations shall be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be denoted for those days when observations are unattainable. This logbook must be retained at the facility for five (5) years after the date of the last entry.

If the operator observes any visible emissions (other than steam - see below) the permittee shall immediately investigate any such occurrence and take corrective action, as necessary, to reduce or eliminate the emissions. If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify the department and conduct a Method 9 assessment within 24 hours to determine the

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degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the department and the Annual Monitoring Report required of all permittees shall include a copy of this log.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY  
 Upper Permit Limit: 20 percent  
 Reference Test Method: Observe plume weekly, perform RM9 at DEC request  
 Monitoring Frequency: WEEKLY  
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2022.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 11: Compliance Demonstration**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable Federal Requirement: 6 NYCRR 228-1.3 (b) (2)**

**Item 11.1:**  
 The Compliance Demonstration activity will be performed for the facility:  
 The Compliance Demonstration applies to:

Emission Unit: 0-00003  
 Process: WWW

Regulated Contaminant(s):  
 CAS No: 0NY998-00-0 VOC

**Item 11.2:**  
 Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
 Monitoring Description:

Facility shall maintain records of MSDS or TDS sheets for

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any coating and/or solvent that has been used.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 12: Compliance Demonstration**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable Federal Requirement: 6 NYCRR 228-1.3 (d)**

**Item 12.1:**

The Compliance Demonstration activity will be performed for the facility:  
 The Compliance Demonstration applies to:

Emission Unit: 0-00003  
 Process: WWW

Regulated Contaminant(s):  
 CAS No: 0NY998-00-0    VOC

**Item 12.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- Within the work area(s) associated with a coating line, the owner or operator of a facility subject to this Subpart must:
  - (a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
  - (b) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
  - (c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
  - (d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;
  - (e) not use open containers to store or dispose of spent

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- surface coatings, or spent VOC solvents;
- (f) minimize spills during the handling and transfer of coatings and VOC solvents; and
- (g) clean hand held spray guns by one of the following:
- (1) an enclosed spray gun cleaning system that is kept closed when not in use;
  - (2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;
  - (3) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or
  - (4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

Open containers, if found, shall be covered and such deviations shall be noted in a log maintained in the operating area. The log shall include the following information:

- date and time of observation
- description of observed deviation from this permit condition
- corrective measures taken, if necessary

Monitoring Frequency: WHEN THE SOURCE IS OPERATING

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**\*\*\*\* Emission Unit Level \*\*\*\***

**Condition 13: Emission Unit Permissible Emissions**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 13.1:**

The sum of emissions from all regulated processes specified in this permit for the emission unit cited

shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 0-00003

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 5.59 pounds per hour

49,000 pounds per year

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**STATE ONLY ENFORCEABLE CONDITIONS**

\*\*\*\* Facility Level \*\*\*\*

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) an emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;
- (2) the equipment at the facility was being properly operated and maintained;
- (3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) the facility owner or operator notified the department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or malfunction provision contained in any applicable requirement.

**Item B: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)**

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such

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records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

**Item C: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state only enforceable.**

**Condition 14: Contaminant List**

**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable State Requirement: ECL 19-0301**

**Item 14.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this permit (emission limits, control requirements or compliance monitoring conditions).

CAS No: 007440-47-3  
Name: CHROMIUM

CAS No: 0NY075-00-0  
Name: PARTICULATES

CAS No: 0NY075-00-5

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Name: PM-10

CAS No: 0NY998-00-0

Name: VOC

**Condition 15: Malfunctions and Start-up/Shutdown Activities**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Item 15.1:**

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 16: Emission Unit Definition**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

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**Applicable State Requirement:6 NYCRR Subpart 201-5****Item 16.1:**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 0-00002

Emission Unit Description:

This emission unit consists of a baghouse-controlled plantwide dust collection system, two boilers and one emergency genset. Emission unit 00002 is comprised of Processes DST, BLR and GNR.

Building(s): BLDG 01

**Item 16.2:**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 0-00003

Emission Unit Description:

This emission unit consists of a coating operation that is comprised of four spray booths (Sources 000DD, 000EE, 000FF & 000GG).

Building(s): BLDG 01

**Condition 17: Renewal deadlines for state facility permits**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable State Requirement:6 NYCRR 201-5.2 (c)****Item 17.1:**

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Condition 18: CLCPA Applicability**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable State Requirement:6 NYCRR 201-5.3 (c)****Item 18.1:**

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

**Condition 19: Compliance Demonstration**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

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**Applicable State Requirement:6 NYCRR 201-5.3 (c)**

**Item 19.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 6  
State Office Building  
317 Washington Ave.  
Watertown, NY 13601

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

Subsequent reports are due every 12 calendar month(s).

**Condition 20: Compliance Demonstration**

**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable State Requirement:6 NYCRR Subpart 201-9**

**Item 20.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

FE Hale has performed a 201-9 HTAC Analysis in 4/2021, as demonstrated in the application package for this permit.

Compounds of chromium or in a worst-case scenario Chromium IV were the only emitted HTACs is Hale's emission inventory. Hale's Chromium compounds/Chromium IV emissions were found to be 0.004 lbs/yr after control, which is less than 201-9's mass emission limit of 250 lbs/yr for chromium compounds or 0.01 lbs/yr for chromium

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IV.

Conclusion: No HTACs are expected to exceed their 201-9 mass emission limits.

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY  
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 21: Air pollution prohibited**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 21.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 22: Compliance Demonstration**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 22.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0	PARTICULATES
CAS No: 0NY075-00-5	PM-10
CAS No: 0NY998-00-0	VOC

**Item 22.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall establish a complaint response procedure to manage complaints related to air emissions from this facility. The procedure shall be designed to ensure that complaints from officials or neighbors are adequately received and documented, and that appropriate response is taken by the facility. The facility shall:

1. Have a complaint phone line available 24 hours a day, 7 days a week; the employment of an answering machine is acceptable.

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2. Investigate any possible causes of any complaint received.
3. Take prompt action to abate any circumstance which is found to be the cause of the complaint.
4. Fully document the complaint, results of investigation, and action taken.
5. Each Annual Monitoring Report shall indicate the status of this log, in a format acceptable to the Department. Facility shall report the number of complaints (even if zero) that have been logged throughout the reporting period.

Monitoring Frequency: CONTINUOUS  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2022.  
 Subsequent reports are due every 12 calendar month(s).

**\*\*\*\* Emission Unit Level \*\*\*\***

**Condition 23: Emission Point Definition By Emission Unit**  
**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 23.1:**

The following emission points are included in this permit for the cited Emission Unit:

- Emission Unit: 0-00002
  - Emission Point: 0000A
    - Height (ft.): 22                      Diameter (in.): 18
    - NYTMN (km.): 4773.033      NYTME (km.): 488.104      Building: BLDG 01
  - Emission Point: 0000B
    - Height (ft.): 19                      Diameter (in.): 3
    - NYTMN (km.): 4773.03      NYTME (km.): 488.098      Building: BLDG 01
  - Emission Point: 0000C
    - Height (ft.): 12                      Length (in.): 59                      Width (in.): 32
    - NYTMN (km.): 4773.035      NYTME (km.): 488.062      Building: BLDG 01

**Item 23.2:**

The following emission points are included in this permit for the cited Emission Unit:

- Emission Unit: 0-00003
  - Emission Point: 0000D
    - Height (ft.): 20                      Diameter (in.): 36

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NYTMN (km.): 4773.027 NYTME (km.): 488.071 Building: BLDG 01

Emission Point: 0000E

Height (ft.): 20

Diameter (in.): 24

NYTMN (km.): 4773.029 NYTME (km.): 488.081 Building: BLDG 01

Emission Point: 0000F

Height (ft.): 20

Diameter (in.): 36

NYTMN (km.): 4773.028 NYTME (km.): 488.067 Building: BLDG 01

Emission Point: 0000G

Height (ft.): 20

Diameter (in.): 24

NYTMN (km.): 4773.023 NYTME (km.): 488.077 Building: BLDG 01

**Condition 24: Process Definition By Emission Unit**

**Effective between the dates of 07/14/2021 and 07/13/2031**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 24.1:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00002

Process: BLR

Source Classification Code: 1-02-006-03

Process Description:

This process consists of the operation of two Weil McLain 1.7 MMBtu/hr (natural gas fired) boilers whose exhaust combines into one emission point (0000A). These boilers are exempt from permitting per 6 NYCRR 201-3.2(c)(1)(i).

Emission Source/Control: 000AA - Combustion

Design Capacity: 1.7 million British thermal units

Emission Source/Control: 000AB - Combustion

Design Capacity: 1.7 million British thermal units

**Item 24.2:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00002

Process: DST

Source Classification Code: 3-07-008-05

Process Description:

This process consists of the operation of a plantwide wood dust/chip collection system that is controlled with a Schlingmeister 3000 (Source 000CC) outdoor dust collector. This dust collector is comprised of two sub-unit baghouses whose cleaned exhaust may be either directed back into Bldg 01 or it may be released into the outdoor atmosphere via emission point 0000C. Bldg 01 requires humidity control, so indoor release is the primary mode. This two-module unit employs four 25 HP fans and each fan moves



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6,500 cfm. The modules contain one explosion vent each. Each module has 81 bags in a 9X9 array (1,884 sf per module).

Emission Source/Control: 000CC - Control  
Control Type: FABRIC FILTER

Emission Source/Control: COLLT - Process

**Item 24.3:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00002  
Process: GNR Source Classification Code: 2-01-002-02  
Process Description:

This process consists of the operation of a stationary four-stroke internal combustion (IC) engine (Ford 6 cyl 150HP, natural gas-fired) that drives an Onan emergency-use genset. This engine exhausts through emission point 0000B.

This engine is exempt from permitting per both 6 NYCRR 201-3.2(c)(3)(ii) and 6 NYCRR 201-3.2(c)(6).

Emission Source/Control: 000BB - Combustion  
Design Capacity: 30 kilowatts

**Item 24.4:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-00003  
Process: WWW Source Classification Code: 4-02-019-01  
Process Description:

This process consists of the operation of four open-faced spray booths (Sources 000DD, 000EE, 000FF & 000GG). Each spray booth utilizes its own array of particulate fiberglass filters (Sources 0FLDD, 0FLEE, 0FLFF & 0FLGG).

Emission Source/Control: 0FLDD - Control  
Control Type: FIBERGLASS FILTER

Emission Source/Control: 0FLEE - Control  
Control Type: FIBERGLASS FILTER

Emission Source/Control: 0FLFF - Control  
Control Type: FIBERGLASS FILTER

Emission Source/Control: 0FLGG - Control  
Control Type: FIBERGLASS FILTER

Emission Source/Control: 000DD - Process  
Design Capacity: 12,500 cubic feet per minute

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Emission Source/Control: 000EE - Process  
Design Capacity: 10,000 cubic feet per minute

Emission Source/Control: 000FF - Process  
Design Capacity: 12,500 cubic feet per minute

Emission Source/Control: 000GG - Process  
Design Capacity: 10,000 cubic feet per minute

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