

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 8542000051**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 8-5420-00051/00035  
Effective Date: 05/30/2000                      Expiration Date: No expiration date

Permit Issued To: NORTH AMERICAN FILTER CORP  
200 WESTSHORE BLVD  
NEWARK, NY 14513-0030

Contact: NORTH AMERICAN FILTER CORP  
200 WESTSHORE BLVD  
NEWARK, NY 14513-0030

Facility: NORTH AMERICAN FILTER CORP  
200 WESTSHORE BLVD  
NEWARK, NY 14513-0030

Contact: DANIEL DONK  
200 WEST SHORE BLVD.  
NEWARK, NY 14513  
(315) 322-4611

Description:  
Initial State Facility Air Permit for the manufacture of industrial filtration components used for air, gas and liquid applications. The facility consists of a single Emission Unit U-10001 that vents the following processes: pleating of paper filter media, molding and heat curing adhesives, fabricating and weld of metal parts, spray coating and packaging of various filtration system components. The permit contains federally enforceable conditions that restrict the annual emission of Volatile Organic Compounds (VOCs) to less than 49 tons per year and that of Hazardous Air Pollutants (HAPs) to less than 24 tons per year, based on a 12 month rolling average.

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: PETER A LENT  
DIVISION OF ENVIRONMENTAL PERMITS  
6274 EAST AVON LIMA RD  
AVON, NY 14414-9519

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



**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 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 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.



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 8  
HEADQUARTERS



**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 and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13(a)**

**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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

**Condition 4: Permit Modifications, Suspensions, and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

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**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

**Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 8 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

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

NYSDEC Regional Permit Administrator  
Region 8 Headquarters  
Division of Environmental Permits  
6274 Avon-Lima Road  
Avon, NY 14414-9519  
(716) 226-2466



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

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT**

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200 WESTSHORE BLVD  
NEWARK, NY 14513-0030

Facility: NORTH AMERICAN FILTER CORP  
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Authorized Activity By Standard Industrial Classification Code:  
3490 - MISC FABRICATED METAL PRODUCTS  
3569 - GEN INDUSTRIAL MACHINERY, NEC  
3999 - MANUFACTURING INDUSTRIES, NEC

Permit Effective Date: 05/30/2000

Permit Expiration Date: No expiration date.



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 3 6NYCRR 200.7: Maintenance of equipment
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 12 6NYCRR 201-6.1(a): Facility Permissible Emissions
- \*13 6NYCRR 201-6.1(a): Compliance Demonstration
- \*14 6NYCRR 201-6.1(a): Compliance Demonstration
- 15 6NYCRR 201-7.2: Synthetic minor facility capping provisions.
- 16 6NYCRR 202-1.1: Required emissions tests
- 17 6NYCRR 211.3: Visible emissions limited.
- 18 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 19 6NYCRR 228.10: Handling, storage, and disposal of volatile organic compounds

**Emission Unit Level**

**EU=U-10001**

- 20 6NYCRR 212.4(c): Compliance Demonstration
- 29 6NYCRR 212.6(a): Compliance Demonstration

**EU=U-10001,Proc=003**

- 21 6NYCRR 228.3(a): volatile organic compound emission control requirements
- 22 6NYCRR 228.4: Compliance Demonstration
- 23 6NYCRR 228.5(a): Compliance Demonstration
- 24 6NYCRR 228.5(b): method 24 40 CFR 60
- 25 6NYCRR 228.5(c): Alternative Analytical Methods
- 26 6NYCRR 228.5(d): samples
- 27 6NYCRR 228.6(a): prohibition of sale or specification
- 28 6NYCRR 228.7: Compliance Demonstration

**EU=U-10001,EP=00001**

- 30 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications



**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 31 6NYCRR 201-5: General Provisions
- 32 6NYCRR 201-5: General Provisions: Facilities Subject to Subpart 201-5 but not 201-6
- 33 6NYCRR 201-5: Emission Unit Definition
- 34 6NYCRR 201-5.3(b): Contaminant List
- 35 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 36 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 37 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.





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**FEDERALLY ENFORCEABLE CONDITIONS**

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

**Condition 1: Sealing**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 1.1:**

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

**Condition 2: Acceptable ambient air quality**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 2.1:**

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.

**Condition 3: Maintenance of equipment**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 3.1:**

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

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**Condition 4: Unpermitted Emission Sources**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 4.1:**

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Condition 5: Unavoidable Noncompliance and Violations**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

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

**Item 5.1:**

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate



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of the emission rates.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

**Condition 6: Emergency Defense**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.5**

**Item 6.1:**

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/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 corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/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 upset provision contained in any applicable requirement.

**Condition 7: Recycling and Salvage**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

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**Applicable Federal Requirement: 6NYCRR 201-1.7**

**Item 7.1:**

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.

**Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 8.1:**

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.

**Condition 9: Public Access to Recordkeeping**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.10(a)**

**Item 9.1:**

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

**Condition 10: Proof of Eligibility**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-3.2(a)**

**Item 10.1:**

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.

**Condition 11: Proof of Eligibility**



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**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-3.3(a)**

**Item 11.1:**

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.

**Condition 12: Facility Permissible Emissions**

**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6.1(a)**

**Item 12.1:**

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: 0NY100-00-0                      PTE: 48,000 pounds per year  
Name: HAP

CAS No: 0NY998-00-0                      PTE: 98,000 pounds per year  
Name: VOC

**Condition 13: Compliance Demonstration**

**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6.1(a)**

**Item 13.1:**

The Compliance Demonstration activity will be performed for the Facility.

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

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC



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**OPERATIONS**

**Monitoring Description:**

Facility will keep records to demonstrate that emissions of all VOC from the facility will not exceed 49.0 tons per year. This limit will effectively cap the facility potential to emit to below Title V applicability thresholds. To ensure that the Title V cap limitations are not exceeded, the facility shall keep the following records on site for a period of five years:

1. A monthly log that provides the coating usage and VOC emissions during the prior consecutive twelve month period.
2. All purchase records and other documents to support information in the monthly log.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: VOC's

Upper Permit Limit: 49.0 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

**Condition 14: Compliance Demonstration**

**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-6.1(a)**

**Item 14.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

**Monitoring Description:**

Facility will keep records to demonstrate that emissions of all HAP from the facility will not exceed 24.0 tons per year. This limit will effectively cap the facility potential to emit to below Title V applicability



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thresholds. To ensure that the Title V cap limitations are not exceeded, the facility shall keep the following records on site for a period of five years:

1. A monthly log that provides the HAP usage and emissions during the prior consecutive twelve month period.
2. All purchase records and other documents to support information in the monthly log.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: MATERIAL

Upper Permit Limit: 24.0 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

**Condition 15: Synthetic minor facility capping provisions.  
Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7.2**

**Item 15.1:**

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

**Item 15.2:**

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 15.3:**

On an annual basis, 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 those threshold levels that would require the submission of an application for a Title V facility permit, or compliance with an applicable requirement.

**Item 15.4:**

The emission of pollutants in exceedance of the applicability thresholds for obtaining a Title V facility permit or other applicable requirements constitutes a violation of Part 201 and of the Act.

**Condition 16: Required emissions tests**



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**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 202-1.1**

**Item 16.1:**

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 6NYCRR Part 202-1.

**Condition 17: Visible emissions limited.**

**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 17.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**Condition 18: Open Fires Prohibited at Industrial and Commercial Sites**

**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 18.1:**

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**Condition 19: Handling, storage, and disposal of volatile organic compounds**

**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.10**

**Item 19.1:**

No owner or operator of a facility subject to 6NYCRR Part 228 shall:

- (a) use open containers to store or dispose of cloth or paper impregnated with VOC and/or solvents that are used for surface preparation, cleanup, or coating removal;
- (b) store in open containers spent or fresh VOC and/or solvents to be used for surface preparation, cleanup, or coating removal;
- (c) use VOC and/or solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize their evaporation to the atmosphere;
- (d) use open containers to store or dispense surface coatings and/or inks unless production, sampling,





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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; or (e) use open containers to store or dispose of spent surface coatings, spent VOCs and/or solvents.

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

**Condition 20: Compliance Demonstration**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 20.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 29: Compliance Demonstration**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 29.1:**

The Compliance Demonstration activity will be performed for:

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Emission Unit: U-10001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 29.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 21: volatile organic compound emission control requirements**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.3(a)**

**Item 21.1:**

This Condition applies to Emission Unit: U-10001

Process: 003

**Item 21.2:**

No person shall cause or allow the usage of coatings that exceed the allowable pounds of volatile organic compounds per gallon, minus water and excluded VOC at application, as specified in table 1 and table 2 of Part 228, unless an approved coating system or approved control equipment is utilized or a variance has been granted.

**Condition 22: Compliance Demonstration**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.4**



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**Item 22.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 003

**Item 22.2:**

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 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Part 228.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 23: Compliance Demonstration**

**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(a)**

**Item 23.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 003

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of the coating material, including solvents, must be



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maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 24: method 24 40 CFR 60**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(b)**

**Item 24.1:**

This Condition applies to Emission Unit: U-10001  
Process: 003

**Item 24.2:**

Acceptable analytical methods for determining the volatile content, water content, density, volume of solids and weight of solids of surface coatings are presented in appendix A, method 24, of 40 CFR 60.

**Condition 25: Alternative Analytical Methods**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(c)**

**Item 25.1:**

This Condition applies to Emission Unit: U-10001  
Process: 003

**Item 25.2:**

Where the methods referenced in 6 NYCRR Part 228.5(b) are not applicable, alternate analytical methods for surface coating may be acceptable, subject to the approval of the commissioner.

**Condition 26: samples**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(d)**

**Item 26.1:**

This Condition applies to Emission Unit: U-10001  
Process: 003

**Item 26.2:**

Representatives of the department shall be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance.

**Condition 27: prohibition of sale or specification**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**



**Applicable Federal Requirement: 6NYCRR 228.6(a)**

**Item 27.1:**

This Condition applies to Emission Unit: U-10001  
Process: 003

**Item 27.2:**

No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 of 6NYCRR Part 228 if such use is prohibited. This prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the allowable VOC content limitations specified in tables 1 and 2 of Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility.

**Condition 28: Compliance Demonstration**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.7**

**Item 28.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001  
Process: 003

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

**Item 28.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

Air-dried and forced warm-air dried coatings used for the surface coating of miscellaneous metal parts and products may contain a maximum of 3.5 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

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Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: AIR DRIED/FORCED WARM AIR-DRIED COATING -  
MISCELLANEOUS METAL PARTS

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.5 pounds per gallon

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 30: Emissions from new emission sources and/or modifications**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 30.1:**

This Condition applies to Emission Unit: U-10001 Emission Point: 00001

**Item 30.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.



**STATE ONLY ENFORCEABLE CONDITIONS**

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

**Condition 31: General Provisions**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

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

**Item 31.1:**

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

**Item 31.2:**

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.

**Item 31.3:**

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.

**Condition 32: General Provisions: Facilities Subject to Subpart 201-5  
but not 201-6**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

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

**Item 32.1:**

The emission of pollutants in exceedance of the applicability thresholds for obtaining a Title V facility permit or other applicable requirements constitutes a violation of Part 201 and of the Act.

**Condition 33: Emission Unit Definition**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

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

**Item 33.1:**

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

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Emission Unit: U-10001

Emission Unit Description:

THIS EMISSION UNIT COVERS FACILITY WIDE MANUFACTURING PROCESSES AND EMISSIONS. THIS EMISSION UNIT IS LIMITED TO BUILDING #1 MANUFACTURING AND SALES ADMINISTRATION, AS WELL AS BUILDING #2 MANUFACTURING. BOTH BUILDINGS ARE SHOWN IN THE GENERAL FACILITY LAYO UT DRAWING. EMISSION UNIT U10001 CONSISTS OF EMISSION POINTS 00001 THRU 00017. PROCESSES INCLUDE PLEATING OF PAPER FILTER MEDIA, MOLDING AND HEAT CURING ADHESIVES, FABRICATING AND WELDING OF METAL PARTS, SPRAY COATING, AND PACKAGING OF VARIOUS FILTRATION SYSTEM COMPONENTS.

Building(s): BLDG #1  
BLDG #2

**Condition 34: Contaminant List**

**Effective between the dates of 05/30/2000 and Permit Expiration Date**

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

**Item 34.1:**

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

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY998-00-0

Name: VOC

**Condition 35: Air pollution prohibited**

**Effective between the dates of 05/30/2000 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 35.1:**

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



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particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

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

**Condition 36: Emission Point Definition By Emission Unit**  
**Effective between the dates of 05/30/2000 and Permit Expiration Date**

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

**Item 36.1:**

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

Emission Unit: U-10001

Emission Point: 00001

Height (ft.): 21

Diameter (in.): 8

Building: BLDG #1

Emission Point: 00002

Height (ft.): 21

Diameter (in.): 10

Building: BLDG #1

Emission Point: 00003

Height (ft.): 21

Diameter (in.): 10

Building: BLDG #1

Emission Point: 00004

Height (ft.): 19

Diameter (in.): 34

Building: BLDG #1

Emission Point: 00005

Height (ft.): 24

Diameter (in.): 12

Building: BLDG #2

Emission Point: 00006

Height (ft.): 30

Diameter (in.): 12

Building: BLDG #2

Emission Point: 00007

Height (ft.): 26

Diameter (in.): 12

Building: BLDG #2

Emission Point: 00008

Height (ft.): 24

Diameter (in.): 12

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Emission Point: 00009 Height (ft.): 25	Diameter (in.): 10	Building: BLDG #2
Emission Point: 00010 Height (ft.): 26	Diameter (in.): 8	Building: BLDG #2
Emission Point: 00011 Height (ft.): 26	Diameter (in.): 10	Building: BLDG #2
Emission Point: 00012 Height (ft.): 20	Diameter (in.): 18	Building: BLDG #2
Emission Point: 00013 Height (ft.): 12	Diameter (in.): 8	Building: BLDG #2
Emission Point: 00014 Height (ft.): 25	Diameter (in.): 10	Building: BLDG #2
Emission Point: 00015 Height (ft.): 25	Diameter (in.): 12	Building: BLDG #2
Emission Point: 00016 Height (ft.): 16	Diameter (in.): 6	Building: BLDG #2
Emission Point: 00017 Height (ft.): 0	Diameter (in.): 18	Building: BLDG #2
Emission Point: 00018 Height (ft.): 16	Diameter (in.): 10	Building: BLDG #1

**Condition 37: Process Definition By Emission Unit  
Effective between the dates of 05/30/2000 and Permit Expiration Date**

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

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**Item 37.1:**

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

Emission Unit: U-10001

Process: 001

Process Description:

RESIN IMPRENATED FILTER MEDIA IS CURED USING 2 WALK-IN GRIEVES GAS FIRED OVENS, AND 1 CONVEYORIZED IN-LINE GAS FIRED OVEN. OPERATING TEMPERATURES RANGE 300-400 DEGREES F.

Emission Source/Control: 00006 - Process

Emission Source/Control: 00007 - Process

Emission Source/Control: 00012 - Process

**Item 37.2:**

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

Emission Unit: U-10001

Process: 002

Process Description:

ADHESIVE ENCAPSULATED FILTERS ARE CURED OR GELLED USING ELECTRIC ELEMENT BATCH OVENS. OPERATING TEMP. OF 200-300 DEGREES F.

Emission Source/Control: 00005 - Process

Emission Source/Control: 00008 - Process

Emission Source/Control: 00010 - Process

Emission Source/Control: 00016 - Process

**Item 37.3:**

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

Emission Unit: U-10001

Process: 003

Process Description:

SPRAY COATING PROCESS. INDUSTRIAL MAINTENANCE COATINGS ARE APPLIED IN 2 BINKS SPRAY BOOTHS. LOW VOC COATINGS ARE USED TO COMPLY WITH 6 NYCRR PART 228.



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Emission Source/Control: 00004 - Control  
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: 00013 - Control  
Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

**Item 37.4:**

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

Emission Unit: U-10001  
Process: 004  
Process Description:  
PLASTIC FILTER COMPONENTS ARE WELDED  
TOGETHER USING HOT PLATE THERMAL WELDING  
EQUIPMENT.

Emission Source/Control: 00001 - Process

**Item 37.5:**

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

Emission Unit: U-10001  
Process: 005  
Process Description:  
50/50 ISOPROPYL ALCOHOL AND H2O IS USED TO  
RINSE CLEAN MICRO FILTER PRODUCTS.

Emission Source/Control: 00002 - Process

**Item 37.6:**

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

Emission Unit: U-10001  
Process: 006  
Process Description:  
RINSED MICRO FILTERS ARE DRIED IN AN  
ELECTRIC BATCH OVEN AT A TEMPERATURE OF 150  
DEGREES F.

Emission Source/Control: 00003 - Process

**Item 37.7:**

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

Emission Unit: U-10001  
Process: 007  
Process Description:

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CELLULOSE FILTER MEDIAS ARE FORMED INTO  
PLEATED FILTER ELEMENTS USING 3 ACCORDIAN  
STYLE PLEATERS.

Emission Source/Control: 00009 - Process

**Item 37.8:**

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

Emission Unit: U-10001

Process: 008

Process Description:

FILTER MEDIA TRIMMINGS AND ABSORBANT MEDIA  
RESULTING FROM FILTER ASSEMBLY, TRIMMING  
PROCESS ARE COLLECTED THROUGH 2 DUST  
COLLECTION SYSTEMS.

Emission Source/Control: 00011 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: 00014 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

**Item 37.9:**

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

Emission Unit: U-10001

Process: 009

Process Description:

METAL FILTER COMPONENTS ARE RECOVERED FROM  
USED FILTER ELEMENTS. FILTER MEDIA AND  
PARTICULATE ARE DISPOSED OF OR RETURNED TO  
CUSTOMER.

Emission Source/Control: 00017 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

**Item 37.10:**

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

Emission Unit: U-10001

Process: 010

Process Description:

GALVANIZED STEEL COMPONENTS ARE WELDED  
TOGETHER USING SPOT WELDING (RESISTANCE  
WELDING) EQUIPMENT.



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Emission Source/Control: 00018 - Process

**Item 37.11:**

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

Emission Unit: U-10001

Process: 011

Process Description:

PLANT FACILITIES ARE HEATED USING 2 DIRECT  
FIRED MAKE UP AIR FURNACES.

Emission Source/Control: 00019 - Process

Emission Source/Control: 00020 - Process