

**New York State Department of Environmental Conservation  
Facility DEC ID: 8343600003**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 8-3436-00003/00007  
Effective Date: 10/04/1999      Expiration Date: No expiration date

Permit Issued To: F & H METAL FINISHING CO INC  
PO BOX 486  
MEDINA, NY 14103-0486

Facility: F & H METAL FINISHING CO  
700 GENESEE ST  
MEDINA, NY 14103

Contact: TIMOTHY J FEARBY  
F&H METAL FINISHING  
700 GENESEE STREET  
MEDINA, NY 14103  
(585) 798-2151

**Description:**

Initial State Facility Air Permit for a metal finishing company that consists of two emission units, Emission Unit A-00001 ( with 3 spray booths and 1 batch oven) and Emission Unit A-00002 ( with a single batch vapor degreaser using trichloroethylene). This permit contains state and federally enforceable conditions that limit the facility's emissions of Volatile Organic Compounds (VOCs) and Individual and Total Hazardous Air Pollutants to below the thresholds of Title V of the Clean Air Act and 6 NYCRR Part 228 VOC RACT.

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**

**IDENTIFICATION INFORMATION**

Permit Issued To: F & H METAL FINISHING CO INC

PO BOX 486

MEDINA, NY 14103-0486

Facility:

F & H METAL FINISHING CO

700 GENESEE ST

MEDINA, NY 14103

Authorized Activity By Standard Industrial Classification Code:

3479 - METAL COATING AND ALLIED SERVICES, NEC

Permit Effective Date: 10/04/1999

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: Facility Permissible Emissions
- 13 6NYCRR 201-6: Compliance Demonstration
- \*14 6NYCRR 201-6: Compliance Demonstration
- \*15 6NYCRR 201-6: Compliance Demonstration
- \*16 6NYCRR 201-6: Compliance Demonstration
- \*17 6NYCRR 201-6: Compliance Demonstration
- \*18 6NYCRR 201-6: Compliance Demonstration
- \*19 6NYCRR 201-6: Compliance Demonstration
- \*20 6NYCRR 201-6: Compliance Demonstration
- 21 6NYCRR 202-1.1: Required emissions tests
- 22 6NYCRR 211.3: Visible emissions limited.
- 23 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 24 6NYCRR 228: Facility Permissible Emissions
- \*25 6NYCRR 228: Compliance Demonstration

**Emission Unit Level**

**EU=A-00001**

- 26 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications
- 27 6NYCRR 212.4(c): Compliance Demonstration
- 28 6NYCRR 212.6(a): Compliance Demonstration
- 29 6NYCRR 212.11(a): Sampling and Monitoring

**EU=A-00002**

- 30 6NYCRR 226: Requirements for open-top vapor degreasing
- 31 40CFR 63.464, Subpart T: Alternative emission limit for batch vapor machines with a solvent/air interface.
- 32 40CFR 63.468(g), Subpart T: Solvent emission report
- 33 40CFR 63.468(h), Subpart T: Exceedance report



**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 34 6NYCRR 201-5: General Provisions
- 35 6NYCRR 201-5: Emission Unit Definition
- 36 6NYCRR 201-5.3(b): Contaminant List
- 37 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 38 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 39 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 10/04/1999 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 10/04/1999 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 10/04/1999 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 10/04/1999 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 10/04/1999 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 10/04/1999 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 10/04/1999 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 10/04/1999 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 10/04/1999 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 10/04/1999 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 10/04/1999 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 10/04/1999 and Permit Expiration Date**

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

**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: 000078-93-3                      PTE: 19,800 pounds per year  
Name: METHYL ETHYL KETONE

CAS No: 000079-01-6                      PTE: 19,800 pounds per year  
Name: TRICHLOROETHYLENE

CAS No: 000108-10-1                      PTE: 19,800 pounds per year  
Name: 2-PENTANONE, 4-METHYL

CAS No: 000108-88-3                      PTE: 19,800 pounds per year  
Name: TOLUENE

CAS No: 001330-20-7                      PTE: 19,800 pounds per year  
Name: XYLENE, M, O & P MIXT.

CAS No: 007789-06-2                      PTE: 19,800 pounds per year  
Name: STRONTIUM CHROMATE

CAS No: 0NY100-00-0                      PTE: 19,800 pounds per year  
Name: HAP

**Condition 13: Compliance Demonstration**



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**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 13.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

TO ENSURE THAT THE TITLE V AND PART 228  
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 THE EMISSIONS OF VOC, TOTAL HAP  
AND INDIVIDUAL CAPPED HAPS DURING THE  
PRIOR CONSECUTIVE 12 MONTH PERIOD. 2. ALL  
PURCHASE RECORDS AND OTHER DOCUMENTS TO  
SUPPORT INFORMATION IN THE MONTHLY LOG.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 14: Compliance Demonstration**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE HAP EMISSIONS AT THIS FACILITY SHALL  
NOT EXCEED 9.9 TONS DURING ANY  
CONSECUTIVE 12 MONTH PERIOD.



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Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/02/2000 for the period 10/04/1999 through 10/03/2000

**Condition 15: Compliance Demonstration**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 15.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 001330-20-7 XYLENE, M, O & P MIXT.

**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE XYLENE, M, O&P MIXT. EMISSIONS AT  
THIS FACILITY SHALL NOT EXCEED 9.9 TONS  
PER ANY CONSECUTIVE 12 MONTH PERIOD.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/02/2000 for the period 10/04/1999 through 10/03/2000

**Condition 16: Compliance Demonstration**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 16.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000108-88-3 TOLUENE

**Item 16.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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**Monitoring Description:**

THE TOLUENE EMISSIONS AT THIS FACILITY  
SHALL NOT EXCEED 9.9 TONS PER ANY  
CONSECUTIVE 12 MONTH PERIOD.

**Monitoring Frequency:** MONTHLY

**Averaging Method:** ANNUAL MAXIMUM ROLLED MONTHLY

**Reporting Requirements:** ANNUALLY (ANNIVERSARY)

**Initial Report Due:** 11/02/2000 for the period 10/04/1999 through 10/03/2000

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 17.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Regulated Contaminant(s):**

CAS No: 000078-93-3 METHYL ETHYL KETONE

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

**Capping:** Yes

**Monitoring Type:** RECORD KEEPING/MAINTENANCE PROCEDURES

**Monitoring Description:**

THE METHYL ETHYL KETONE EMISSIONS AT  
THIS FACILITY SHALL NOT EXCEED 9.9 TONS  
DURING ANY CONSECUTIVE 12 MONTH PERIOD.

**Monitoring Frequency:** MONTHLY

**Averaging Method:** ANNUAL MAXIMUM ROLLED MONTHLY

**Reporting Requirements:** ANNUALLY (ANNIVERSARY)

**Initial Report Due:** 11/02/2000 for the period 10/04/1999 through 10/03/2000

**Condition 18: Compliance Demonstration**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 18.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Regulated Contaminant(s):**

CAS No: 000079-01-6 TRICHLOROETHYLENE





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**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE TRICHLOROETHYLENE EMISSIONS AT THIS FACILITY SHALL NOT EXCEED 9.9 TONS PER ANY CONSECUTIVE 12 MONTH PERIOD.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/02/2000 for the period 10/04/1999 through 10/03/2000

**Condition 19: Compliance Demonstration**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 19.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007789-06-2 STRONTIUM CHROMATE

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE STRONTIUM CHROMATE EMISSIONS AT THIS FACILITY SHALL NOT EXCEED 9.9 TONS DURING ANY CONSECUTIVE 12 MONTH PERIOD.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/02/2000 for the period 10/04/1999 through 10/03/2000

**Condition 20: Compliance Demonstration**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 20.1:**



**New York State Department of Environmental Conservation**

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**Facility DEC ID: 8343600003**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000108-10-1 2-PENTANONE, 4-METHYL

**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE 2-PENTANONE, 4-METHYL EMISSIONS AT  
THIS FACILITY SHALL NOT EXCEED 9.9 TONS  
DURING ANY CONSECUTIVE 12 MONTH PERIOD.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/02/2000 for the period 10/04/1999 through 10/03/2000

**Condition 21: Required emissions tests**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 21.1:**

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 22: Visible emissions limited.**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 22.1:**

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 23: Open Fires Prohibited at Industrial and Commercial Sites**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 215**

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**Item 23.1:**

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 24: Facility Permissible Emissions**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228**

**Item 24.1:**

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: 0NY998-00-0

PTE: 19,800 pounds per year

Name: VOC

**Condition 25: Compliance Demonstration**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228**

**Item 25.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE VOC EMISSIONS AT THIS FACILITY SHALL NOT EXCEED 9.9 TONS PER ANY CONSECUTIVE 12 MONTH PERIOD.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/02/2000 for the period 10/04/1999 through 10/03/2000

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

**Condition 26: Emissions from new emission sources and/or modifications  
Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 26.1:**

This Condition applies to Emission Unit: A-00001

**Item 26.2:**

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.

**Condition 27: Compliance Demonstration  
Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 27.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 27.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable, and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 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



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Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 28: Compliance Demonstration**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 28.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: A-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 28.2:**

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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2000.

Subsequent reports are due every 6 calendar month(s).

**Condition 29: Sampling and Monitoring**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.11(a)**

**Item 29.1:**

This Condition applies to Emission Unit: A-00001



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**Item 29.2:**

The owner and/or operator of this facility, if required by the department to conduct stack testing to demonstrate compliance with 6 NYCRR Part 212, must comply with notification requirements and conduct capture efficiency and/or stack testing using acceptable procedures pursuant to 6 NYCRR Part 202.

**Condition 30: Requirements for open-top vapor degreasing  
Effective between the dates of 10/04/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 226**

**Item 30.1:**

This Condition applies to Emission Unit: A-00002

**Item 30.2:**

**6NYCRR Part 226 Requirements for Open-top Vapor Degreasing**

**A. Equipment specifications:**

- (1) The cover shall be operated easily without disturbing the vapor zone.
- (2) Safety switches shall shut off sump heat if the condenser malfunctions and shall shut off the pump if the vapor level drops excessively.
- (3) **One** of the following shall be provided:
  - (a) A freeboard ratio that is greater than or equal to 0.75, and a powered or mechanically assisted cover if the top opening is greater than 10 square feet.
  - (b) A refrigerated chiller;
  - (c) Local exhaust ventilation and an adsorption or other system for collection of volatile organic compounds; or
  - (d) An enclosed design whereby the cover is open only when the dry part is entering or exiting the degreaser.

**B. Operating requirements:**

- (1) Minimize solvent carry out by the following measures:
  - (a) Rack parts to allow full drainage;
  - (b) Move parts in and out of degreaser tank at less than 11 ft/min;
  - (c) Degrease the work load in the vapor zone at least 30 seconds or until condensation ceases; (d)  
Tip out any pools of solvent before removal; and
  - (e) Dry parts for at least 15 seconds or visually dry before removal.
- (2) Degrease only nonporous and non adsorbent material.
- (3) Work loads shall not occupy more than half of degreaser tank open-top area.
- (4) Spray only below the vapor level.

**C. General requirements:**

No person shall conduct solvent metal cleaning unless:

- (1) Solvent is stored in covered containers and waste solvent is transferred or disposed of in such



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manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere. (2)  
Equipment used in solvent metal cleaning is maintained to minimize leaks and fugitive emissions.

(3) Equipment used in solvent metal cleaning displays a conspicuous summary of proper operating procedures consistent with minimizing emissions of volatile organic compounds.

(4) Equipment covers are closed when the solvent metal cleaning unit is not in service.

(5) A record of solvent consumption shall be maintained for each year and made available to the commissioner or his representative upon request.

**Condition 31: Alternative emission limit for batch vapor machines with a solvent/air interface.**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.464, Subpart T**

**Item 31.1:**

This Condition applies to Emission Unit: A-00002

**Item 31.2:**

To comply with the alternative standard, the owner or operator must:

(1) Maintain a log of solvent additions and deletions for each solvent cleaning machine.

(2) Ensure that emissions from each solvent cleaning machine are equal or less than 150 kilograms/square meter/month, as determined using procedures in 40CFR 63.465(b) and (c).

**Condition 32: Solvent emission report**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 63.468(g), Subpart T**

**Item 32.1:**

This Condition applies to Emission Unit: A-00002

Item 32.2: Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with the provisions of §63.464 shall submit a solvent emission report every year. This solvent emission report shall contain the requirements specified in paragraphs (1) through (3) of this condition.

(1) The size and type of each unit subject to 40CFR 63, Subpart T (solvent/air interface area or cleaning capacity).

(2) The average monthly solvent consumption for the solvent cleaning machine in kilograms per month.

(3) The 3-month monthly rolling average solvent emission estimates calculated each month using the method as described in §63.465(c).

**Condition 33: Exceedance report**  
**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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**Applicable Federal Requirement: 40CFR 63.468(h), Subpart T**

**Item 33.1:**

This Condition applies to Emission Unit: A-00002

Item 33.2: Each owner or operator of a batch vapor or in-line solvent cleaning machine shall submit an exceedance report to the Administrator semiannually except when, the Administrator determines on a case-by-case basis that more frequent reporting is necessary to accurately assess the compliance status of the source or, an exceedance occurs. Once an exceedance has occurred the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency under 40CFR 63.468(i) is approved. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. The exceedance report shall include the applicable information in paragraphs (1) through (3) of this condition.

(1) Information on the actions taken to comply with §63.463 (e) and (f), if applicable. This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.

(2) If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.

(3) If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.



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**STATE ONLY ENFORCEABLE CONDITIONS**

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

**Condition 34: General Provisions**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 34.1:**

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 34.2:**

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 34.3:**

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 35: Emission Unit Definition**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 35.1:**

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

Emission Unit: A-00001

Emission Unit Description:

3 SPRAY BOOTHS & 1 BATCH OVEN.

Building(s): 1

**Item 35.2:**

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

Emission Unit: A-00002

Emission Unit Description:

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BATCH VAPOR DEGREASER USING  
TRICHLOROETHYLENE.

Building(s): 1

**Condition 36: Contaminant List**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 36.1:**

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

CAS No: 000108-10-1  
Name: 2-PENTANONE, 4-METHYL

CAS No: 0NY100-00-0  
Name: HAP

CAS No: 000078-93-3  
Name: METHYL ETHYL KETONE

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

CAS No: 007789-06-2  
Name: STRONTIUM CHROMATE

CAS No: 000108-88-3  
Name: TOLUENE

CAS No: 000079-01-6  
Name: TRICHLOROETHYLENE

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

CAS No: 001330-20-7  
Name: XYLENE, M, O & P MIXT.

**Condition 37: Air pollution prohibited**

**Effective between the dates of 10/04/1999 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 37.1:**



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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.

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

**Condition 38: Emission Point Definition By Emission Unit  
Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 38.1:**

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

Emission Unit: A-00001

Emission Point: EP001

Height (ft.): 20

Diameter (in.): 24

Building: 1

Emission Point: EP002

Height (ft.): 20

Diameter (in.): 42

Building: 1

Emission Point: EP003

Height (ft.): 20

Diameter (in.): 36

Building: 1

Emission Point: EP004

Height (ft.): 19

Diameter (in.): 6

Building: 1

**Item 38.2:**

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

Emission Unit: A-00002

Emission Point: EP005

Height (ft.): 18

Diameter (in.): 16

Building: 1

**Condition 39: Process Definition By Emission Unit**

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**Effective between the dates of 10/04/1999 and Permit Expiration Date**

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

**Item 39.1:**

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

Emission Unit: A-00001

Process: 001

Process Description:

3 SPRAY BOOTHS THAT PERFORM SAME OPERATIONS. DEVILBISS JGA-502 SPRAY GUNS, SURFACE COATING METALS WITH LACQUER -(ECT) ENAMELS, WATER-BASE. SOME PRODUCTS ARE AIR DRY, SOME PRODUCTS ARE OVEN DRIED, PAPER FILTERS ARE USED IN SPRAY BOOTHS.

Emission Source/Control: 00SB1 - Process

Emission Source/Control: 00SB2 - Process

Emission Source/Control: 00SB3 - Process

**Item 39.2:**

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

Emission Unit: A-00001

Process: 002

Process Description:

BATCH OVEN. 1 PAINT DRYING OVEN, NORMAL 300 F, NATURAL GAS FIRED.

Emission Source/Control: DRYOV - Process

**Item 39.3:**

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

Emission Unit: A-00002

Process: 003

Process Description:

BATCH VAPOR DEGREASER, USING TRYCLOROETHYLENE TO CLEAN RAW PARTS.

Emission Source/Control: D0001 - Process