

**New York State Department of Environmental Conservation
Facility DEC ID: 8073400014**



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

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-0734-00014/00037
Effective Date: 10/16/2001 Expiration Date: No expiration date

Permit Issued To: HARDINGE INC
ONE HARDINGE DR
ELMIRA, NY 14902-1507

Facility: HARDINGE INC
1 HARDINGE DRIVE
HORSEHEADS, NY 14902-1507

Contact: MICHAEL A VITUCCI
HARDINGE INC
ONE HARDINGE DR
ELMIRA, NY 14902-1507
(607) 734-2281

Description:

Air State Facility Permit for operations at an existing machine tool manufacturing plant. Emission Unit 0-00001 includes surface coating operations in five spray booths. Emission Unit 0-00002 includes stone crushing and screening, and form molding operations. Emission Unit 0-00003 includes heat treatment operations which are gas and electrically fired.

Hardinge has agreed to Special Permit Conditions, which are part of this permit, to restrict facility potentials to emit volatile organic compounds (VOC), individual hazardous air pollutants (HAP), and total HAP, to below the applicability thresholds of 6 NYCRR Part 201-6 (Title V), of 50, 10 and 25 tons per year respectively.

In addition, this permit includes a variance from 6 NYCRR Part 228 VOC Reasonably Available Control Technology (RACT) requirements, for use of non-compliant coatings. The variance is based on documentation provided by Hardinge, based on volume of use and control costs, that VOC emission control for currently used coatings would cost more than 3000 dollars per ton of emissions controlled. Additional Special Permit Conditions will allow an annual maximum of 28740 pounds (14.37 tons) of VOC emissions from non-compliant coatings without control equipment. The variance must be reviewed every 5 years, and justified based on then current available coatings and control costs.



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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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Facility: HARDINGE INC
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Authorized Activity By Standard Industrial Classification Code:
3541 - MACHINE TOOLS METAL CUTTING TYPES



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 22 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 3 6NYCRR 200.7: Maintenance of equipment
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 20 6NYCRR 202-1.1: Required emissions tests
- 21 6NYCRR 211.3: Visible emissions limited.
- 23 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 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 201-6.1(a): Compliance Demonstration
- *16 6NYCRR 201-6.1(a): Compliance Demonstration
- *17 6NYCRR 201-6.1(a): Compliance Demonstration
- 18 6NYCRR 201-6.1(a): Compliance Demonstration
- 19 6NYCRR 201-7.2(e): Compliance Demonstration

Emission Unit Level

EU=0-00001

- 24 6NYCRR 212.4(c): Compliance Demonstration
- 25 6NYCRR 228.4: Compliance Demonstration
- 26 6NYCRR 228.4: Compliance Demonstration
- 27 6NYCRR 228.5(a): Compliance Demonstration
- 28 6NYCRR 228.5(b): method 24 40 CFR 60
- 29 6NYCRR 228.5(c): Alternative Analytical Methods
- 30 6NYCRR 228.5(d): samples
- 31 6NYCRR 228.10(a): no open containers
- 32 6NYCRR 228.10(b): no open containers
- 33 6NYCRR 228.10(c): equipment cleanup
- 34 6NYCRR 228.10(d): no open containers
- 35 6NYCRR 228.10(e): no open containers

EU=0-00001,Proc=011

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38 6NYCRR 228.7: Compliance Demonstration

EU=0-00001,Proc=111

36 6NYCRR 228.3(e)(1): Compliance Demonstration

37 6NYCRR 228.3(e)(1): Compliance Demonstration

EU=0-00002

39 6NYCRR 212.4(c): Compliance Demonstration

40 6NYCRR 212.6(a): 212.6(a) - Opacity standard

41 6NYCRR 212.11(a): Sampling and Monitoring

EU=0-00002,EP=02147

42 6NYCRR 212.6(a): Compliance Demonstration

EU=0-00003

43 6NYCRR 212.4(c): Compliance Demonstration

44 6NYCRR 212.6(a): 212.6(a) - Opacity standard

45 6NYCRR 212.6(a): Compliance Demonstration

46 6NYCRR 212.11(a): Sampling and Monitoring

EU=0-00003,EP=01014

47 6NYCRR 212.4(c): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

48 6NYCRR 201-5: General Provisions

49 6NYCRR 201-5: Permit Exclusion Provisions

50 6NYCRR 201-5: Emission Unit Definition

51 6NYCRR 201-5.3(b): Contaminant List

52 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

53 6NYCRR 201-5: Emission Point Definition By Emission Unit

54 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.

Permit Effective Date: 10/16/2001

Permit Expiration Date: No expiration date.



FEDERALLY ENFORCEABLE CONDITIONS

****** Facility Level ******

Condition 22: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 215

Item 22.1:

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 3: Maintenance of equipment
Effective between the dates of 10/16/2001 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.

Condition 7: Recycling and Salvage
Effective between the dates of 10/16/2001 and Permit Expiration Date

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 10/16/2001 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 10: Proof of Eligibility
Effective between the dates of 10/16/2001 and Permit Expiration Date



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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

Effective between the dates of 10/16/2001 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 20: Required emissions tests

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 20.1:

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 21: Visible emissions limited.

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 211.3

Item 21.1:

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-



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minute period per hour of not more than 57 percent opacity.

Condition 23: Recycling and Emissions Reduction
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 23.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

Condition 1: Sealing
Effective between the dates of 10/16/2001 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.



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(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 10/16/2001 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 4: Unpermitted Emission Sources
Effective between the dates of 10/16/2001 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 10/16/2001 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



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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 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 10/16/2001 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



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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 9: Public Access to Recordkeeping
Effective between the dates of 10/16/2001 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 12: Facility Permissible Emissions
Effective between the dates of 10/16/2001 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: 000078-93-3 PTE: 19,800 pounds per year
Name: METHYL ETHYL KETONE

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.



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

PTE: 49,800 pounds per year

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

PTE: 99,800 pounds per year

Condition 13: Compliance Demonstration
Effective between the dates of 10/16/2001 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: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
THE FACILITY SHALL CAP EMISSIONS OF VOC,
NOT TO EXCEED 49.9 TONS PER ROLLING
12-MONTH PERIOD.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (ANNIVERSARY)
Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

Condition 14: Compliance Demonstration
Effective between the dates of 10/16/2001 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: RECORD KEEPING/MAINTENANCE PROCEDURES



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Monitoring Description:

THE FACILITY SHALL CAP EMISSIONS OF HAP,
NOT TO EXCEED 24.9 TONS PER ROLLING
12-MONTH PERIOD.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

Condition 15: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

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

Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000078-93-3 METHYL ETHYL KETONE

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY SHALL CAP EMISSIONS OF
METHYL ETHYL KETONE , NOT TO EXCEED 9.9
TONS PER ROLLING 12-MONTH PERIOD.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

Condition 16: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

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

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:



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Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY SHALL CAP EMISSIONS OF
TOLUENE, NOT TO EXCEED 9.9 TONS PER
ROLLING 12-MONTH PERIOD.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

Condition 17: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

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

Item 17.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY SHALL CAP EMISSIONS OF
XYLENE, NOT TO EXCEED 9.9 TONS PER
ROLLING 12-MONTH PERIOD.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

Condition 18: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

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

Item 18.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 18.2:

Compliance Demonstration shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

TO VERIFY THAT THE EMISSION LIMITS OF TITLE V CAP ARE NOT EXCEEDED, THE FACILITY MUST MAINTAIN THE FOLLOWING RECORDS:

1. A MONTHLY LOG THAT DOCUMENTS THE COATING AND SOLVENT USAGES AT THE FACILITY AND THE TOTAL EMISSIONS OF VOC, HAP, METHYL ETHYLE KETONE, TOLUENE, AND XYLENE FOR THE PRIOR CONSECUTIVE 12-MONTH PERIOD.

2. ANY OTHER SUPPORTING DOCUMENTS SUCH AS PURCHASE RECORDS AND MSDS.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 19: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2(e)

Item 19.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 within the limits imposed by the emissions 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 values that would require compliance with an applicable requirement.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



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

Condition 24: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 24.2:

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

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 25: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.4

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 25.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

ANNUAL VISIBLE EMISSION TEST IS TO BE CONDUCTED FOR EP000B9, 00B10, 02838, 02282 AND 02138 WHILE COATING OPERATIONS ARE ONGOING IN THIS EMISSION UNIT.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

Condition 26: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.4

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 26.2:

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.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

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



New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014

Condition 27: Compliance Demonstration

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 27.2:

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 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 28: method 24 40 CFR 60

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(b)

Item 28.1:

This Condition applies to Emission Unit: 0-00001

Item 28.2:

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 29: Alternative Analytical Methods

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(c)

Item 29.1:

This Condition applies to Emission Unit: 0-00001

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



Item 29.2:

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 30: samples

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 30.1:

This Condition applies to Emission Unit: 0-00001

Item 30.2:

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

Condition 31: no open containers

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.10(a)

Item 31.1:

This Condition applies to Emission Unit: 0-00001

Item 31.2:

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

Condition 32: no open containers

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.10(b)

Item 32.1:

This Condition applies to Emission Unit: 0-00001

Item 32.2:

No owner or operator of a facility subject to 6NYCRR Part 228 shall store in open containers spent or fresh VOC and/or solvents to be used for surface preparation, cleanup or coating removal.

Condition 33: equipment cleanup

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.10(c)

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



Item 33.1:

This Condition applies to Emission Unit: 0-00001

Item 33.2:

No owner or operator of a facility subject to 6NYCRR Part 228 shall use VOC and/or solvents to clean up spray equipment unless equipment is used to collect the cleaning compounds and to minimize their evaporation to the atmosphere.

Condition 34: no open containers

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.10(d)

Item 34.1:

This Condition applies to Emission Unit: 0-00001

Item 34.2:

No owner or operator of a facility subject to 6NYCRR Part 228 shall use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate.

Condition 35: no open containers

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.10(e)

Item 35.1:

This Condition applies to Emission Unit: 0-00001

Item 35.2:

No owner or operator of a facility subject to 6NYCRR Part 228 shall use open containers to store or dispose of spent surface coatings, spent VOCs and/or solvents.

Condition 38: Compliance Demonstration

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.7

Item 38.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Process: 011

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



Item 38.2:

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.

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 36: Compliance Demonstration

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.3(e)(1)

Item 36.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Process: 111

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 36.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

1. The VOC emissions from the Part 228 noncompliant coatings used at this process shall not exceed 28740 pounds per any consecutive 12-month period.

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



2. The facility must continue to investigate compliance strategies and submit annual reports document the evaluation of either reformulation, abatement technology or process modification.

3. This part 228 RACT variance is to be reviewed every five years from the permit issue date or if the above emission limit is exceeded.

4. This RACT variance must be approved by the EPA as a single source State Implementation Plan (SIP) revision. If the EPA does not concur with the RACT variance, the facility shall take immediate steps to address and resolve the EPA concerns. In the event the concerns can not be resolved, NYS DEC or EPA shall provide the facility with Written notice of this final decision and the facility shall prepare and submit a compliance plan and schedule within the time period specified in the notice."

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC

Upper Permit Limit: 28740 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

Condition 37: Compliance Demonstration

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.3(e)(1)

Item 37.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Process: 111

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 37.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014

Monitoring Description:

To verify that the Part 228 RACT variance emission limit is not exceeded, the facility must maintain the following records:

1. A monthly log that documents the Part 228 noncompliant coating usage at this process and the total VOC emissions from the noncompliant coatings for the prior consecutive 12-month period.
2. Any other supporting documents such as purchase records and MSDS.

Monitoring Frequency: MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 39.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 39.2:

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

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 40: 212.6(a) - Opacity standard



New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 40.1:

This Condition applies to Emission Unit: 0-00002

Item 40.2:

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.

Condition 41: Sampling and Monitoring

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.11(a)

Item 41.1:

This Condition applies to Emission Unit: 0-00002

Item 41.2:

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 42: Compliance Demonstration

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 42.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00002 Emission Point: 02147

Item 42.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

ANNUAL VISIBLE EMISSION TEST IS TO BE
CONDUCTED WHILE STONE CRUSHING OPERATIONS
ARE ONGOING IN THIS EMISSION UNIT.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40CFR60,APP A, ME-09

Monitoring Frequency: ANNUALLY



New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

Condition 43: Compliance Demonstration
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 43.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00003

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 43.2:

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

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 44: 212.6(a) - Opacity standard
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 44.1:

This Condition applies to Emission Unit: 0-00003

Item 44.2:

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.



New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014

Condition 45: Compliance Demonstration

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 45.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00003

Item 45.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

ANNUAL VISIBLE EMISSION TEST IS TO BE CONDUCTED AT EP 01276, 01765, 2119A, 01014, AND 00997 WHILE OPERATIONS ARE ONGOING IN THIS EMISSION UNIT.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/14/2002 for the period 10/16/2001 through 10/15/2002

Condition 46: Sampling and Monitoring

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.11(a)

Item 46.1:

This Condition applies to Emission Unit: 0-00003

Item 46.2:

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 47: Compliance Demonstration

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 47.1:

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00003 Emission Point: 01014

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 47.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

THE FACILITY SHALL STACK TEST THE PARTICULATE EMISSIONS AT EMISSION POINT 01014 TO DEMONSTRATE COMPLIANCE WITH THE PART 212 EMISSION LIMIT OF 0.05 GRAINS PER DSCF. THE TEST SHALL BE CONDUCTED WITHIN SIX MONTHS IF POSSIBLE, BUT NOT TO EXCEED ONE YEAR OF PERMIT ISSUANCE.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



STATE ONLY ENFORCEABLE CONDITIONS

****** Facility Level ******

Condition 48: General Provisions

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 48.1:

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 48.2:

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 48.3:

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 49: Permit Exclusion Provisions

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 49.1:

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements



New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014

contained in such order or modification thereof unless specifically intended by this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 50: Emission Unit Definition
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 50.1:

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

Emission Unit: 0-00001

Emission Unit Description:

THIS EMISSION UNIT INCLUDES TWO SURFACE COATING PROCESSES AT THE FACILITY. ONE COATING PROCESSES ADDRESSES USE OF COMPLIANT COATINGS AND ONE COATING PROCESS ADDRESSES USE OF NONCOMPLIANT COATINGS.

Building(s): BUILDING 1
BUILDING 2

Item 50.2:

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

Emission Unit: 0-00002

Emission Unit Description:

THIS EMISSION UNIT INCLUDES ALL THE OPERATIONS ASSOCIATED WITH PROCESSING OF STONE AT THE FACILITY (HARCRETE). THIS EMISSION UNIT INCLUDES POINT SOURCES AND FUGITIVE SOURCES OF PARTICULATE MATTER.

Building(s): BUILDING 2

Item 50.3:

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

Emission Unit: 0-00003

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



Emission Unit Description:

THIS EMISSION UNIT INCLUDES MISCELLANEOUS
NON-EXEMPT HEAT TREAT PROCESS EQUIPMENT AT
THE FACILITY WHICH EMITS ONLY PARTICULATE
MATTER.

Building(s): BUILDING 1

Condition 51: Contaminant List

Effective between the dates of 10/16/2001 and Permit Expiration Date

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

Item 51.1:

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: 000078-93-3

Name: METHYL ETHYL KETONE

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 0NY998-00-0

Name: VOC

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

Condition 52: Air pollution prohibited

Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 52.1:

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



**** Emission Unit Level ****

Condition 53: Emission Point Definition By Emission Unit
Effective between the dates of 10/16/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 53.1:

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

Emission Unit: 0-00001			
Emission Point: 000B9			
Height (ft.): 20	Diameter (in.): 42		Building: BUILDING 1
Emission Point: 00B10			
Height (ft.): 20	Diameter (in.): 34		Building: BUILDING 1
Emission Point: 02138			
Height (ft.): 24	Diameter (in.): 42		Building: BUILDING 1
Emission Point: 02282			
Height (ft.): 20	Diameter (in.): 34		Building: BUILDING 2
Emission Point: 02838			
Height (ft.): 31	Diameter (in.): 30		Building: BUILDING 1

Item 53.2:

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

Emission Unit: 0-00002			
Emission Point: 02147			
Height (ft.): 18	Diameter (in.): 30		Building: BUILDING 2

Item 53.3:

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



New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014

Emission Unit: 0-00003

Emission Point: 00997
Height (ft.): 28

Diameter (in.): 20

Building: BUILDING 1

Emission Point: 01014
Height (ft.): 27

Length (in.): 21

Width (in.): 18
Building: BUILDING 1

Emission Point: 01276
Height (ft.): 27

Length (in.): 13

Width (in.): 18
Building: BUILDING 1

Emission Point: 01765
Height (ft.): 28

Length (in.): 24

Width (in.): 18
Building: BUILDING 1

Emission Point: 2119A
Height (ft.): 33

Diameter (in.): 6

Building: BUILDING 1

**Condition 54: Process Definition By Emission Unit
Effective between the dates of 10/16/2001 and Permit Expiration Date**

Applicable State Requirement: 6NYCRR 201-5

Item 54.1:

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

Emission Unit: 0-00001

Process: 011

Process Description:

THIS PROCESS INVOLVES SPRAY COATING OF MISCELLANEOUS PARTS IN PRODUCTION BOOTH #1, PRODUCTION BOOTH #2, THE HIGH BAY BOOTH, THE HARCRETE BOOTH, AND THE TOUCH UP BOOTH. COATINGS APPLIED INCLUDE COMPLIANT TOP COATS. COATINGS ARE APPLIED USING A SINGLE HAND-HELD HIGH-VOLUME, LOW-PRESSURE (HVLP) SPRAY GUN. COATING OVER SPRAY IS CONTROLLED USING AN ADD-ON CONTROL DEVICE.

Emission Source/Control: 01001 - Process

Emission Source/Control: 01002 - Process



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Facility DEC ID: 8073400014

Emission Source/Control: 01003 - Process

Emission Source/Control: 01004 - Process

Emission Source/Control: 01005 - Process

Item 54.2:

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

Emission Unit: 0-00001

Process: 111

Process Description:

THIS PROCESS INVOLVES SPARY COATING OF MISCELLANEOUS PARTS IN PRODUCTION BOOTH #2, THE HIGH BAY BOOTH, AND THE HARCRETE BOOTH. COATINGS APPLIED INCLUDE NONCOMPLIANT PRIMER. COATINGS APPLIED USING A SINGLE HAND-HELD, HIGH-VOLUME, LOW-PRESSURE(HVLP) SPRAY GUN. COATING OVER SPRAY IS CONTROLLED USING AN ADD-ON CONTROL DEVICE.

Emission Source/Control: 01002 - Process

Emission Source/Control: 01003 - Process

Emission Source/Control: 01004 - Process

Item 54.3:

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

Emission Unit: 0-00002

Process: 021

Process Description:

THIS PROCESS INCLUDE ALL HANDLING & PROCESSING OF STONE (HARCRETE PROCESS). THIS PROCESS INCLUDES RECEIVING OF BULK SHIPMENTS OF STONE; STONE CRUSHING; STONE SCREENING/SIZING; AND MOLDING OF FORMS.

Emission Source/Control: 02001 - Process

Emission Source/Control: 02002 - Process

Item 54.4:

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

Emission Unit: 0-00003

New York State Department of Environmental Conservation

Permit ID: 8-0734-00014/00037

Facility DEC ID: 8073400014



Process: 031

Process Description:

THIS PROCESS INCLUDES THE COMBUSTION AND
NONCOMBUSTION EQUIPMENT ASSOCIATED WITH THE
HEAT TREAT PROCESS.

Emission Source/Control: 03001 - Process

Emission Source/Control: 03002 - Process

Emission Source/Control: 03003 - Process

Emission Source/Control: 03004 - Process

Emission Source/Control: 03005 - Process