

**New York State Department of Environmental Conservation  
Facility DEC ID: 7314800002**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
7-3148-00002/00078  
Effective Date: 11/09/1999      Expiration Date: No expiration date

Permit Issued To: COOPER CROUSE-HINDS LLC  
PO BOX 4999  
SYRACUSE, NY 13221-4999

Facility: COOPER-CROUSE-HINDS LLC  
WOLF & 7TH NORTH STS  
SYRACUSE, NY 13221

Contact: COOPER INDUSTRIES INC  
WOLF & SEVENTH NORTH  
SYRACUSE, NY 13221  
(315) 477-7000

Description:  
Crouse Hinds manufactures electrical construction materials, such as fittings, enclosures and lighting for hazardous duty applications. Operations include an iron foundry, aluminum foundry, plastics, product finishing, surface coating, and boilers which provide steam. Process activities include: casting, plastic molding, machining, rack maintenance, passivating, brazing, painting and plating. SIC code: 3629

The facility has already been capped out of Title V for VOC, Particulate, HAP, Nitrogen Oxides and Sulfur Dioxide; this permit continues the established work practices and record keeping already in place as the result of previously negotiated (federally enforceable) permit conditions. The facility is subject to Part 228 (includes coating lines referenced in Part 228.7 (table 1)), and has chosen not to cap below 10 tons actual annual VOC emissions; but is complying with Part 228.3(a) by using compliant coatings (as applied).

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: BARRY L BORROW  
DIVISION OF ENVIRONMENTAL PERMITS  
615 ERIE BLVD WEST  
SYRACUSE, NY 13204-2400

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 7  
HEADQUARTERS

**DEC SPECIAL CONDITIONS**

Facility inspection by the department.



**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**

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 731480002**



**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 7  
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 7 Headquarters  
Division of Environmental Permits  
615 Erie Blvd West  
Syracuse, NY 13204-2400  
(315) 426-7400

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 731480002**



**DEC SPECIAL CONDITIONS**

**Condition 6: Facility inspection by the department.**  
**Applicable State Requirement: ECL 3-0301.2(g)**

**Item 6.1:**



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

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

**IDENTIFICATION INFORMATION**

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PO BOX 4999  
SYRACUSE, NY 13221-4999

Facility: COOPER-CROUSE-HINDS LLC  
WOLF & 7TH NORTH STS  
SYRACUSE, NY 13221

Authorized Activity By Standard Industrial Classification Code:  
3629 - ELEC INDUSTRIAL APPARATUS, NEC



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 21 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
- 19 6NYCRR 202-1.1: Required emissions tests
- 20 6NYCRR 211.3: Visible emissions limited.
- 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: 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 201-7.2: Synthetic minor facility capping provisions.
- 22 6NYCRR 228.2: coating VOC content formula

**Emission Unit Level**

- 23 6NYCRR 201-6: Emission Unit Permissible Emissions
- 24 6NYCRR 201-6: Process Permissible Emissions

**EU=1-BLRHS**

- 25 6NYCRR 212.3(a): Emissions from existing sources
- 26 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications

**EU=1-BLRHS,EP=00001**

- 27 6NYCRR 227-1.3(a): Compliance Demonstration

**EU=2-FACTY**

- 28 6NYCRR 212.3(a): Emissions from existing sources
- 29 6NYCRR 212.3(b): Existing sources - 212.3(b) particulate matter standard.
- 30 6NYCRR 212.4(a): Emissions from new emission sources and/or



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modifications

31 6NYCRR 212.6(a): 212.6(a) - Opacity standard

**EU=3-FNDRY**

32 6NYCRR 212.3(a): Emissions from existing sources

33 6NYCRR 212.3(b): Existing sources - 212.3(b) particulate matter standard.

34 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications

35 6NYCRR 212.6(a): 212.6(a) - Opacity standard

**EU=4-COATS**

36 6NYCRR 212.3(a): Emissions from existing sources

37 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications

38 6NYCRR 228.1(h): Compliance Demonstration

39 6NYCRR 228.4: opacity - <20%

40 6NYCRR 228.7: Compliance Demonstration

**EU=4-COATS,Proc=COA**

41 6NYCRR 228.3(d)(7): noncompliance reporting

42 6NYCRR 228.5(a): reports, recordkeeping, sampling and analysis

43 6NYCRR 228.5(d): samples

44 6NYCRR 228.7: coating lines for miscellaneous metal parts and products - miscellaneous

45 6NYCRR 228.7: coating lines for miscellaneous metal parts and products, system is air dried or forced warm air dried at temperature up to 90 degrees Celsius

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

46 6NYCRR 201-5: General Provisions

47 6NYCRR 201-5: rule applicability trigger

48 6NYCRR 201-5: Emission Unit Definition

49 6NYCRR 201-5.3(b): Contaminant List

50 6NYCRR 211.2: Air pollution prohibited

51 6NYCRR 217-3.2(a): Diesel truck opacity limitation

52 6NYCRR 217-3.2(b): Idling of diesel trucks limited

**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: 11/09/1999

Permit Expiration Date: No expiration date.



**FEDERALLY ENFORCEABLE CONDITIONS**

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

**Condition 21: Open Fires Prohibited at Industrial and Commercial Sites**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 215**

**Item 21.1:**

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 11/09/1999 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.

**Condition 7: Recycling and Salvage**  
**Effective between the dates of 11/09/1999 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 11/09/1999 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 10: Proof of Eligibility**  
**Effective between the dates of 11/09/1999 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 11/09/1999 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 19: Required emissions tests**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 19.1:**

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 20: Visible emissions limited.**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 20.1:**

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 1: Sealing**  
**Effective between the dates of 11/09/1999 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 11/09/1999 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 4: Unpermitted Emission Sources**  
**Effective between the dates of 11/09/1999 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.

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(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 11/09/1999 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 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.



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**Condition 6: Emergency Defense**  
**Effective between the dates of 11/09/1999 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 9: Public Access to Recordkeeping**  
**Effective between the dates of 11/09/1999 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 12: Facility Permissible Emissions**



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**Effective between the dates of 11/09/1999 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: 007446-09-5                      PTE: 199,800 pounds per year  
Name: SULFUR DIOXIDE

CAS No: 0NY075-00-0                      PTE: 199,800 pounds per year  
Name: PARTICULATES

CAS No: 0NY100-00-0                      PTE: 49,800 pounds per year  
Name: HAP

CAS No: 0NY210-00-0                      PTE: 199,800 pounds per year  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0                      PTE: 99,800 pounds per year  
Name: VOC

**Condition 13: Compliance Demonstration**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 13.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0    HAP

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total Facility Hazardous Air Pollutant (HAP) emissions shall not exceed 24.99 tons over any twelve consecutive month period, and no single HAP shall exceed 9.99 tons over any twelve consecutive month period. HAP emissions



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shall be calculated based on materials purchased, (MSDS compositions) to produce a worst-case scenario; in some cases actual usage is difficult to document - emission point specific. Facility will continue to send reports annually to reflect twelve consecutive month rolling averages; reports will be due as previously requested by regulatory agency (as established in permit conditions which granted facility emissions cap).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: RAW MATERIAL

Parameter Monitored: HAP

Upper Permit Limit: 24.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 14: Compliance Demonstration**  
**Effective between the dates of 11/09/1999 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: 007446-09-5 SULFUR DIOXIDE

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Facility emissions of Sulfur Dioxide shall not exceed 99.9 tons over any twelve consecutive month period. Compliance will be demonstrated (based on Memorandum of Understanding with Department) by calculating the amount of #6 fuel oil consumed per month multiplied by the fuel oil sulfur content as certified by the oil supplier's analysis (producing a worst-case scenario, for SO<sub>2</sub> emissions). Facility will monitor consumption on a monthly basis and send reports annually to reflect twelve consecutive month rolling averages; reports will be due as previously requested by regulatory agency (as identified in permit conditions which granted facility





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emissions cap).

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 6 OIL

Upper Permit Limit: 99.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 15: Compliance Demonstration**

**Effective between the dates of 11/09/1999 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: 0NY210-00-0 OXIDES OF NITROGEN

**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Facility emissions of Oxides of Nitrogen shall not exceed 99.9 tons per year over any twelve consecutive month period. Compliance shall be determined (based on Memorandum of Understanding, with Department) by monthly natural gas usage multiplied by an emission factor of 0.14 lb NO<sub>x</sub>/mmBTU plus the amount of #6 fuel oil consumed multiplied by the actual nitrogen content analyzed from the in-service tank. Facility will continue to send reports annually to reflect twelve consecutive month rolling averages; reports will be due as previously requested by regulatory agency (as identified in permit conditions which granted facility emissions cap).

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 99.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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**Condition 16: Compliance Demonstration**

**Effective between the dates of 11/09/1999 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: 0NY998-00-0 VOC

**Item 16.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total Facility volatile organic compound (VOC) emissions shall not exceed 49.9 tons over any twelve consecutive month period. Compliance shall be documented by summing the amount of material used or purchased (producing worst-case) multiplied by the VOC content of each material where applicable and/or by emission factors for VOC emissions; documentation is emission point specific. Facility will continue to send reports annually to reflect twelve month consecutive rolling averages; reports will be due as previously requested by regulatory agency (as identified in permit conditions which granted facility emissions cap).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: RAW MATERIAL

Parameter Monitored: VOC's

Upper Permit Limit: 49.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 17: Compliance Demonstration**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 17.1:**

The Compliance Demonstration activity will be performed for the Facility.



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**Facility DEC ID: 7314800002**

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Facility will limit the amount of Particulates to below 99.9 tons/year, on a twelve month rolling average. Compliance will be determined based on material usage or purchased records, where applicable and/or hours of operation and emission factors for various control equipment. Maintenance and operation of control equipment will be in conformance with manufacturer's specifications and recommendations. Facility will continue to send reports annually to reflect twelve consecutive month rolling averages; reports will be due as previously requested by regulatory agency (as identified in permit conditions which granted facility emissions cap)

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: RAW MATERIAL

Upper Permit Limit: 99.9 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 18: Synthetic minor facility capping provisions.**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 18.1:**

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

**Item 18.2:**

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

**Item 18.3:**



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

**Item 18.4:**

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

**Condition 22: coating VOC content formula**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.2**

**Item 22.1:**

VOC content of all coatings as applied, shall be calculated as per Part 228.2 (b) (11).

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

**Condition 23: Emission Unit Permissible Emissions**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 23.1:**

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 1-BLRHS

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 22.8 pounds per hour

199,800 pounds per year

**Condition 24: Process Permissible Emissions**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 24.1:**

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

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Emission Unit: 1-BLRHS Process: OIL

CAS No: 007446-09-5  
Name: SULFUR DIOXIDE  
PTE(s): 22.8 pounds per hour  
199,800 pounds per year

Emission Unit: 1-BLRHS Process: GAS

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 22.8 pounds per hour  
199,800 pounds per year

**Condition 25: Emissions from existing sources**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 25.1:**

This Condition applies to Emission Unit: 1-BLRHS

**Item 25.2:**

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 26: Emissions from new emission sources and/or modifications**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 26.1:**

This Condition applies to Emission Unit: 1-BLRHS

**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 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-1.3(a)**

**Item 27.1:**

The Compliance Demonstration activity will be performed for:

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**Facility DEC ID: 7314800002**



Emission Unit: 1-BLRHS Emission Point: 00001

**Item 27.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Manufacturer Name/Model Number: Babcock and Wilcox

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA RM 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 28: Emissions from existing sources**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 28.1:**

This Condition applies to Emission Unit: 2-FACTY

**Item 28.2:**

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 29: Existing sources - 212.3(b) particulate matter standard.**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 29.1:**

This Condition applies to Emission Unit: 2-FACTY

**Item 29.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions



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of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 30: Emissions from new emission sources and/or modifications  
Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 30.1:**

This Condition applies to Emission Unit: 2-FACTY

**Item 30.2:**

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

**Condition 31: 212.6(a) - Opacity standard  
Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 31.1:**

This Condition applies to Emission Unit: 2-FACTY

**Item 31.2:**

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 32: Emissions from existing sources  
Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 32.1:**

This Condition applies to Emission Unit: 3-FNDRY

**Item 32.2:**

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 33: Existing sources - 212.3(b) particulate matter standard.  
Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 33.1:**

This Condition applies to Emission Unit: 3-FNDRY

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**Item 33.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 34: Emissions from new emission sources and/or modifications  
Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 34.1:**

This Condition applies to Emission Unit: 3-FNDRY

**Item 34.2:**

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 35: 212.6(a) - Opacity standard  
Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 35.1:**

This Condition applies to Emission Unit: 3-FNDRY

**Item 35.2:**

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 36: Emissions from existing sources  
Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 36.1:**

This Condition applies to Emission Unit: 4-COATS

**Item 36.2:**

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 37: Emissions from new emission sources and/or modifications  
Effective between the dates of 11/09/1999 and Permit Expiration Date**





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

**Item 37.1:**

This Condition applies to Emission Unit: 4-COATS

**Item 37.2:**

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 38: Compliance Demonstration**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.1(h)**

**Item 38.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 4-COATS

**Item 38.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6NYCRR Part 228 does not apply to low-use specialty coatings where the plantwide total annual usage is equal or less than 55 gallons, provided that:

1. each specialty coating must be approved by the commissioner's representative prior to application;
2. records must be maintained on an as used basis in a format acceptable to the commissioner that documents actual usage;
3. the annual potential to emit from low-use specialty coatings does not exceed five percent of the facility's total annual potential to emit;
4. the facility's permits are modified to identify any coating(s) approved by the commissioner's representative which are exempt from 6NYCRR Part 228.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL TOTAL

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 39: opacity - <20%**



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**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.4**

**Item 39.1:**

This Condition applies to Emission Unit: 4-COATS

**Item 39.2:**

The average opacity of emissions to the outdoor atmosphere shall not equal or exceed 20 percent for any consecutive six-minute period.

**Condition 40: Compliance Demonstration**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.7**

**Item 40.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 4-COATS

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 40.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Extreme performance 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: EXTREME PERFORMANCE COATING - MISCELLANEOUS METAL

PARTS

Manufacturer Name/Model Number: Paint booths/bake ovens

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

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**Condition 41: noncompliance reporting**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.3(d)(7)**

**Item 41.1:**

This Condition applies to Emission Unit: 4-COATS  
Process: COA

**Item 41.2:**

Any record showing noncompliance with Part 228 shall be reported by sending a copy of the record to the commissioner's representative within 30 days following the occurrence.

**Condition 42: reports, recordkeeping, sampling and analysis**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 42.1:**

This Condition applies to Emission Unit: 4-COATS  
Process: COA

**Item 42.2:**

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.

**Condition 43: samples**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 43.1:**

This Condition applies to Emission Unit: 4-COATS  
Process: COA

**Item 43.2:**

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

**Condition 44: coating lines for miscellaneous metal parts and products - miscellaneous**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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**Applicable Federal Requirement: 6NYCRR 228.7**

**Item 44.1:**

This Condition applies to Emission Unit: 4-COATS  
Process: COA

**Item 44.2:**

The maximum pounds of volatile organic compounds per gallon (minus water and excluded VOC) at coating lines for miscellaneous metal parts and products shall not exceed 3.0 lbs/gal at application.

**Condition 45: coating lines for miscellaneous metal parts and products,  
system is air dried or forced warm air dried at  
temperature up to 90 degrees Celsius  
Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.7**

**Item 45.1:**

This Condition applies to Emission Unit: 4-COATS  
Process: COA

**Item 45.2:**

The maximum pounds of volatile organic compounds per gallon (minus water and excluded VOC) at coating lines for miscellaneous metal parts and products, coating application system is air dried or forced warm air dried at temperature up to 90 degrees Celsius, shall not exceed 3.5 lbs/gal at application.



**STATE ONLY ENFORCEABLE CONDITIONS**

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

**Condition 46: General Provisions**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 46.1:**

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 46.2:**

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 46.3:**

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 47: rule applicability trigger**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 47.1:**

Sources requiring state facility permits, pursuant to Part 201-5.1(a)(3), and 201-5.1(a)(4), will remain subject to the requirements of Part 201-5, until (by expansion or modification) they are required to obtain a Title V permit.

**Condition 48: Emission Unit Definition**  
**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 48.1:**

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

**New York State Department of Environmental Conservation**

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**Facility DEC ID: 7314800002**



Emission Unit: 1-BLRHS

Emission Unit Description:

THIS UNIT CONSISTS OF THE BOILERHOUSE WHICH SUPPLIES STEAM TO THE FACILITY. THERE ARE 5 BOILERS (1 EXEMPT - BY SIZE, WHICH CAN ONLY BE FIRED BY GAS) THE OTHERS CAN OPERATE ON EITHER NUMBER 6 FUEL OIL OR NATURAL GAS. THE BOILERS ARE EXHAUSTED THROUGH ONE EMISSION POINT.

Building(s): BLHRS

**Item 48.2:**

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

Emission Unit: 2-FACTY

Emission Unit Description:

THIS UNIT INCLUDES VARIOUS ACTIVITIES INVOLVED IN THE FINISHING OF A PRODUCT AND INCLUDES PLATING, PLASTICS, WASHERS, RACK MAINTENANCE, PASSIVATING, AND BRAZING OPERATIONS. (Relocation of emission points requires 30 day advance notice as per Part 201-5.4(b)(2)(ii), notice would be retained for record.)

Building(s): BLDG 2  
BLDG 23  
BLDG 29  
BLDG 3  
BLDG 34  
BLDG 50

**Item 48.3:**

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

Emission Unit: 3-FNDRY

Emission Unit Description:

THIS UNIT CONSISTS OF THE FOUNDRY OPERATION CONSISTING OF CORE SHAKEOUT, MOLD HANLDING, MOLD SHAKEOUT, MULLING, SCREENING, CONVEYING, CORE MAKING AND ELECTRIC ARC, INDUCTION DR., DIRECT GAS-FIRED FURNACES.

Building(s): BLDG 35  
BLDG 5

**Item 48.4:**

**New York State Department of Environmental Conservation**

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

Emission Unit: 4-COATS

Emission Unit Description:

ENAMEL COATING OPERATIONS CONSISTING OF  
VARIOUS SURFACE COATING OPERATIONS.  
COMPLIANT COATINGS ARE USED; WITH THE  
EXCEPTION OF FIVE (5) LOW VOLUME SPECIALTY  
COATINGS THAT DO NOT EXCEED 55  
GALS/CALENDER YEAR (12 CONSECUTIVE MONTH  
PERIOD), FOR EACH COATING.

Building(s): BLDG 1  
BLDG 2  
BLDG 4  
BLDG 5

**Condition 49: Contaminant List**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

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

**Item 49.1:**

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: 0NY210-00-0  
Name: OXIDES OF NITROGEN

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

CAS No: 007446-09-5  
Name: SULFUR DIOXIDE

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

**Condition 50: Air pollution prohibited**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 50.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity,



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characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 51: Diesel truck opacity limitation**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 217-3.2(a)**

**Item 51.1:**

No person who owns, operates or leases a vehicle propelled by a diesel engine or who owns, leases or occupies land and has actual or apparent dominion or control over the operation of a vehicle propelled by a diesel engine which is present on said land, shall operate said vehicle or allow or permit it to be operated, in such a manner that exhaust emissions of a shade of blue, black, or gray equal to or greater than No. 1 on the Ringelmann chart (20 percent opacity) or equivalent standard acceptable to the commissioner are produced for a continuous period of more than five seconds when the vehicle is in motion.

**Condition 52: Idling of diesel trucks limited**

**Effective between the dates of 11/09/1999 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 217-3.2(b)**

**Item 52.1:**

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

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

**Condition 53: Emission Point Definition By Emission Unit**

**Effective between the dates of 11/09/1999 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: 1-BLRHS

Emission Point: 00001

Height (ft.): 185

Diameter (in.): 120



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NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLHRS

**Item 53.2:**

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

Emission Unit: 2-FACTY

Emission Point: B5002

Height (ft.): 30 Diameter (in.): 18  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 50

Emission Point: FA52A

Height (ft.): 30 Diameter (in.): 33  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 3

Emission Point: OFA17

Height (ft.): 48 Diameter (in.): 31  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 29

Emission Point: OFA18

Height (ft.): 65 Diameter (in.): 60  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 2

Emission Point: OFA31

Height (ft.): 56 Diameter (in.): 27  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 2

Emission Point: OFA38

Height (ft.): 23 Diameter (in.): 10  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 23

Emission Point: OFA41

Height (ft.): 64 Diameter (in.): 24  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 29

**Item 53.3:**

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

Emission Unit: 3-FNDRY

Emission Point: 00AF2

Height (ft.): 35 Length (in.): 35 Width (in.): 16  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 35

Emission Point: 00AF5

Height (ft.): 35 Diameter (in.): 12  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 35

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Emission Point: 00AF6  
Height (ft.): 41 Diameter (in.): 16  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 35

Emission Point: 00AF7  
Height (ft.): 31 Diameter (in.): 24  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 35

Emission Point: 00AFI  
Height (ft.): 41 Diameter (in.): 30  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 35

Emission Point: 00IF2  
Height (ft.): 43 Diameter (in.): 24  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

Emission Point: 00IF4  
Height (ft.): 33 Diameter (in.): 18  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

Emission Point: 00IF5  
Height (ft.): 32 Diameter (in.): 24  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

Emission Point: 0IF35  
Height (ft.): 39 Diameter (in.): 52  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

Emission Point: 0IF38  
Height (ft.): 45 Diameter (in.): 22  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

Emission Point: 0IF39  
Height (ft.): 39 Diameter (in.): 28  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

Emission Point: 0IF41  
Height (ft.): 58 Diameter (in.): 24  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

Emission Point: 0IF42  
Height (ft.): 42 Diameter (in.): 33  
NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

Emission Point: 0IF43  
Height (ft.): 50 Diameter (in.): 33



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**Facility DEC ID: 7314800002**

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

Emission Point: 0IF44

Height (ft.): 33 Diameter (in.): 50

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

**Item 53.4:**

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

Emission Unit: 4-COATS

Emission Point: O0FA2

Height (ft.): 65 Diameter (in.): 30

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 1

Emission Point: OFA11

Height (ft.): 60 Diameter (in.): 24

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 2

Emission Point: OFA22

Height (ft.): 35 Diameter (in.): 9

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 4

Emission Point: OFA23

Height (ft.): 4 Diameter (in.): 9

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 4

Emission Point: OFA24

Height (ft.): 48 Diameter (in.): 42

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 4

Emission Point: OFA29

Height (ft.): 48 Diameter (in.): 42

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 4

Emission Point: OFA30

Height (ft.): 44 Diameter (in.): 12

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 4

Emission Point: OFA47

Height (ft.): 36 Diameter (in.): 15

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 2

Emission Point: OFA90

Height (ft.): 29 Diameter (in.): 18

NYTMN (km.): 4770.622 NYTME (km.): 405.832 Building: BLDG 5

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Facility DEC ID: 7314800002



**Condition 54: Process Definition By Emission Unit**  
**Effective between the dates of 11/09/1999 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: 1-BLRHS

Process: GAS

Emission Source/Control: 0001A - Combustion

Emission Source/Control: 0001C - Combustion

Emission Source/Control: 0001E - Combustion

Emission Source/Control: 0001G - Combustion

**Item 54.2:**

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

Emission Unit: 1-BLRHS

Process: OIL

Process Description: THE BOILERS OPERATING ON NUMBER 6 FUEL OIL.

Emission Source/Control: 0001A - Combustion

Emission Source/Control: 0001C - Combustion

Emission Source/Control: 0001E - Combustion

Emission Source/Control: 0001G - Combustion

**Item 54.3:**

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

Emission Unit: 2-FACTY

Process: FCT

Process Description:

THIS IS FOR MISCELLANEOUS PROCESSES  
ASSOCIATED WITH PLATING, WASH TANKS,  
BRAZING, RACK MAINTENANCE, PASSIVATING, AND  
PLASTIC OPERATIONS.

Emission Source/Control: PL38K - Control

Control Type: FABRIC FILTER

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- Emission Source/Control: B5002 - Process
- Emission Source/Control: PL017 - Process
- Emission Source/Control: PL018 - Process
- Emission Source/Control: PL041 - Process
- Emission Source/Control: PL31A - Process
- Emission Source/Control: PL31B - Process
- Emission Source/Control: PL38I - Process
- Emission Source/Control: SH52A - Process

**Item 54.4:**

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

Emission Unit: 3-FNDRY

Process: ALM

Process Description:

PROCESS EMISSIONS FROM ALUMINUM FOUNDRY OPERATIONS CONSISTING OF SAND CONVEYING, SCREENING, MULLING, CORE MAKING, SHAKEOUT, GAS FIRED FURNACE AND ASSOCIATED CONTROL EQUIPMENT.

Emission Source/Control: AF01K - Control  
Control Type: WET SCRUBBER

Emission Source/Control: AF02K - Control  
Control Type: FABRIC FILTER

Emission Source/Control: AF01I - Process

Emission Source/Control: AF02I - Process

Emission Source/Control: AF05I - Process

Emission Source/Control: AF06I - Process

Emission Source/Control: AF07I - Process

**Item 54.5:**

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

**New York State Department of Environmental Conservation**

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**Facility DEC ID: 7314800002**



Emission Unit: 3-FNDRY

Process: IRN

Process Description:

PROCESS EMISSIONS FROM IRON FOUNDRY  
OPERATIONS CONSISTING OF SAND CONVEYING,  
SCREENING, MULLING, CORE MAKING, SHAKEOUT,  
AND ELECTRIC-INDUCTION ARC FURNACE.

Emission Source/Control: IF02K - Control

Control Type: FABRIC FILTER

Emission Source/Control: IF04K - Control

Control Type: FABRIC FILTER

Emission Source/Control: IF05K - Control

Control Type: FABRIC FILTER

Emission Source/Control: IF35K - Control

Control Type: FABRIC FILTER

Emission Source/Control: IF44K - Control

Control Type: FABRIC FILTER

Emission Source/Control: IF02I - Process

Emission Source/Control: IF04I - Process

Emission Source/Control: IF05I - Process

Emission Source/Control: IF35I - Process

Emission Source/Control: IF38I - Process

Emission Source/Control: IF39I - Process

Emission Source/Control: IF41I - Process

Emission Source/Control: IF42I - Process

Emission Source/Control: IF43I - Process

Emission Source/Control: IF44I - Process

**Item 54.6:**

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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3148-00002/00078**

**Facility DEC ID: 7314800002**



Emission Unit: 4-COATS

Process: COA

Process Description:

SURFACE COATING OPERATIONS IN THE MEAKER  
DIP, ENAMEL DEPARTMENT, CA1, AND PATTERN  
SHOP. COMPLIANT COATINGS ARE USED IN THESE  
AREAS WITH THE FOLLOWING EXEMPTIONS: DUPONT  
TEFLON (REF. NO. 144944), T-7848 THINNER  
(REF. NO. 145318), TEMPIL BIOXIDE, BAQUIK  
BAKE ENAMEL (RE. NO. 144056), X6116 BRONZE  
ENAMEL (REF. NO. 135775), COMPLIANT  
COATINGS WILL BE DOCUMENTED BASED ON  
CORRESPONDENCE FROM THE PAINT SUPPLIER.

Emission Source/Control: PL047 - Control

Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: CA02C - Process

Emission Source/Control: EN022 - Process

Emission Source/Control: EN023 - Process

Emission Source/Control: EN024 - Process

Emission Source/Control: EN029 - Process

Emission Source/Control: EN030 - Process

Emission Source/Control: PL011 - Process

Emission Source/Control: PT090 - Process