



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-3014-00004/00192  
Mod 0 Effective Date: 10/28/2003 Expiration Date: No expiration date.  
Mod 1 Effective Date: 04/30/2004 Expiration Date: No expiration date.  
Mod 2 Effective Date: 04/12/2005 Expiration Date: No expiration date.  
Mod 3 Effective Date: 12/28/2006 Expiration Date: No expiration date.  
Mod 4 Effective Date: 07/02/2012 Expiration Date: No expiration date.

Permit Issued To: SHERRILL MANUFACTURING INC  
102 E SENECA ST  
SHERRILL, NY 13461

Facility: SHERRILL MANUFACTURING INC  
102 EAST SENECA ST  
SHERRILL, NY 13461

Contact: GINA M CONNELLY  
SHERRILL MANUFACTURING INC  
102 EAST SENECA ST  
ONEIDA, NY 13421  
(315) 361-3409

Description:

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: PATRICK M CLEAREY  
NYSDEC - REG 6  
207 GENESEE ST  
UTICA, NY 13501

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 compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



## **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, modifications and transfers
  - Applications for Permit Renewals and Modifications
  - Permit modifications, suspensions or revocations by the Department
  - Permit modifications, suspensions or revocations by the Department
  - Permit Modifications, Suspensions and Revocations by the Department

#### **Facility Level**

- Submission of Applications for Permit Modification or Renewal
  - REGION 6 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 6 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 3-1:**

**Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3-1.1:**

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 3-1.2:**

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.

**Item 3-1.3:**

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

GENERAL CONDITIONS - APPLICABLE TO ALL PERMITS



**Applicable State Requirement: 6 NYCRR 621.13**

**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.

**Item 3.3:**

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

**Condition 3-2: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 3-2.1:**

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

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

**Condition 4-1: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4-1.1:**

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

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



the permitted activity.

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

**Item 4.1:**

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

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

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

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

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245

**Condition 3-3: Submission of application for permit modification or renewal-REGION 6 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 3-3.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



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

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

**PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: SHERRILL MANUFACTURING INC  
102 E SENECA ST  
SHERRILL, NY 13461

Facility: SHERRILL MANUFACTURING INC  
102 EAST SENECA ST  
SHERRILL, NY 13461

Authorized Activity By Standard Industrial Classification Code:  
3914 - SILVERWARE AND PLATED WARE

Mod 0 Permit Effective Date: 10/28/2003  
date.

Permit Expiration Date: No expiration

Mod 1 Permit Effective Date: 04/30/2004  
date.

Permit Expiration Date: No expiration

Mod 2 Permit Effective Date: 04/12/2005  
date.

Permit Expiration Date: No expiration

Mod 3 Permit Effective Date: 12/28/2006  
date.

Permit Expiration Date: No expiration

Mod 4 Permit Effective Date: 07/02/2012  
date.

Permit Expiration Date: No expiration



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 4-1 6 NYCRR 200.7: Maintenance of Equipment
- 4-2 6 NYCRR 202-1.1: Required Emissions Tests
- 24 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 4-3 6 NYCRR 200.7: Compliance Demonstration
- 4-4 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*4-5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 4-6 6 NYCRR 211.1: Air pollution prohibited
- 4-7 6 NYCRR 211.1: Compliance Demonstration
- 4-8 6 NYCRR 212.4 (c): Compliance Demonstration
- 4-9 6 NYCRR 212.6 (a): Compliance Demonstration

### STATE ONLY ENFORCEABLE CONDITIONS

#### Facility Level

- 53 ECL 19-0301: Contaminant List
- 4-10 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 54 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 55 6 NYCRR Subpart 201-5: Emission Unit Definition
- 56 6 NYCRR 211.2: Air pollution prohibited
- 4-11 6 NYCRR 211.2: Visible Emissions Limited
- 4-12 6 NYCRR 211.2: Compliance Demonstration

#### Emission Unit Level

- 57 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 58 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.





**FEDERALLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

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

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

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

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

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

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

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



required to operate such device effectively.

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

If an existing emission source was subject to the permitting requirements of 6 NYCRR 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.

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

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.

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

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

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

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

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

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

**Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

**Item J: Required Emission Tests - 6 NYCRR 202-1.1**

# New York State Department of Environmental Conservation

Permit ID: 6-3014-00004/00192

Facility DEC ID: 6301400004



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

**Item K: Open Fires Prohibitions - 6 NYCRR 215.2**

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

**Item L: Permit Exclusion - ECL 19-0305**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

**Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)**

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

**Condition 4-1: Maintenance of Equipment**

**New York State Department of Environmental Conservation**

Permit ID: 6-3014-00004/00192

Facility DEC ID: 6301400004



**Effective between the dates of 07/02/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 4-1.1:**

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 4-2: Required Emissions Tests**

**Effective between the dates of 07/02/2012 and Permit Expiration Date**

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

**Item 4-2.1:**

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

**Condition 24: Recycling and Emissions Reduction**

**Effective between the dates of 10/28/2003 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 82, Subpart F**

**Item 24.1:**

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

**Condition 4-3: Compliance Demonstration**

**Effective between the dates of 07/02/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 4-3.1:**

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

Emission Unit: 1-PMSRC  
Process: P01

Emission Source: RC006

Emission Unit: 1-PMSRC  
Process: P03

Emission Source: BH022

Emission Unit: 1-PMSRC  
Process: P03

Emission Source: BH038

Emission Unit: 1-PMSRC  
Process: P04

Emission Source: BH025

Emission Unit: 1-PMSRC

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Process: P04	Emission Source: BH039
Emission Unit: 1-PMSRC Process: P04	Emission Source: BH049
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH028
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH035
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH042
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH043
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH044
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH045
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH046
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH056
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH420
Emission Unit: 1-PMSRC Process: P06	Emission Source: BH619
Emission Unit: 1-PMSRC Process: P07	Emission Source: BH041
Emission Unit: 1-PMSRC Process: P09	Emission Source: BH026
Regulated Contaminant(s): CAS No: 0NY075-00-0	PARTICULATES

**Item 4-3.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Per 6 NYCRR 212.4(c), the emission of solid particulates is limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



conditions on a dry gas basis. To maintain the capture efficiencies of baghouses that had been verified in the 2002 baghouse stack tests, the 1-PMSRC emission unit shall be subject to the following two requirements:

A) Production of flatware, etc (number of pieces and the weight of pieces) shall be recorded monthly. This production (weight) information, along with established emission factors (weight of particulate generated per flatware weight produced) and the established removal efficiency of an associated control device shall be used to estimate particulate emissions from these process sources.

B) To ensure the integrity of the established baghouse removal efficiency, the facility shall operate and maintain the baghouses and rotoclones in 1-PMSRC within the requirements specified in the facility's Operation and Maintenance Plan (OMP), an addendum to this permit. Among other tasks, the OMP dictates that Sherrill Manufacturing weekly, shall monitor and record the baghouse pressure-drop readings. The target parameters are listed in Table 2 of the OMP entitled "Normal Operating Ranges". Verification of effective control of particulates from emission unit 1-PMSRC shall be based on facility meeting the requirements of the OMP.

Annually, for the applicable 12-month period, the facility shall submit to the NYSDEC:

- 1) A copy of the entire baghouse pressure-drop log
- 2) Calculations of PM emissions that are derived from flatware production figures and emission factors

Monitoring Frequency: WEEKLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

**Condition 4-4: Facility Permissible Emissions**

**Effective between the dates of 07/02/2012 and Permit Expiration Date**

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

**Item 4-4.1:**

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: 0NY075-00-0 (From Mod 4) PTE: 180,000 pounds  
per year

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Name: PARTICULATES

CAS No: 0NY075-00-5 (From Mod 4) PTE: 180,000 pounds  
per year

Name: PM-10

**Condition 4-5: Capping Monitoring Condition**  
**Effective between the dates of 07/02/2012 and Permit Expiration Date**

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

**Item 4-5.1:**

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

6 NYCRR 201-6.1 (a)

**Item 4-5.2:**

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

**Item 4-5.3:**

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

**Item 4-5.4:**

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

**Item 4-5.5:**

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

**Item 4-5.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 4-5.7:**

Compliance Demonstration shall include the following monitoring:



**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Capping: Yes

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

Monitoring Description:

CAP:

Facility owner shall ensure that facility-wide emissions of particulate matter (PM), including those from permitted, exempt, and trivial sources, remain less than 180,000 pounds during any consecutive 365 day period.

RECORDS:

Facility owner shall maintain records that verify the facility's monthly PM emissions. These records shall be maintained at the facility for a minimum five year period.

REPORTS:

Reports shall be submitted annually, in a format acceptable to the Department, which document that the facility's PM emissions during any consecutive 365 day period were less than 180,000 pounds. The annual monitoring report shall include information that documents the PM emissions from each emission source at the facility, including exempt and trivial activities. If requested, the report shall also include all emission factors and other data used to calculate the monthly PM emissions.

NONCOMPLIANCE:

Any noncompliance with the PM emission limit in this condition shall be reported by sending a copy of such record to the NYSDEC Region 6, within 30 days of the occurrence.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 180,000 pounds per year

Reference Test Method: EPA Reference Methods 1 thru 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

**Condition 4-6: Air pollution prohibited**

**Effective between the dates of 07/02/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 4-6.1:**

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.

**New York State Department of Environmental Conservation**

Permit ID: 6-3014-00004/00192

Facility DEC ID: 6301400004



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 4-7: Compliance Demonstration**

**Effective between the dates of 07/02/2012 and Permit Expiration Date**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 4-7.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 4-7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

1. Have a complaint phone line available 24 hours a day, 7 days a week.
2. Investigate any possible causes of any complaint received.
3. Take prompt action to abate any circumstance which is found to be the cause of the complaint.
4. Fully document the complaint, results of investigation, and any action taken.
5. Report in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

**Condition 4-8: Compliance Demonstration**

**Effective between the dates of 07/02/2012 and Permit Expiration Date**

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

**Item 4-8.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-COATS

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Emission Unit: 1-PMSRC

Emission Unit: 1-STRIP

**Item 4-8.2:**

Compliance Demonstration shall include the following monitoring:

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

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. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance verifications at the monitoring frequency stated below. These verifications include review of pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure compliance with the particulate emission rate.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions above 0.050 gr/dscf are occurring or have occurred. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The permittee shall determine the cause of any exceedance, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these verifications, investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Reference Methods 1 thru 5

Monitoring Frequency: WHEN THE SOURCE IS OPERATING

# New York State Department of Environmental Conservation

Permit ID: 6-3014-00004/00192

Facility DEC ID: 6301400004



Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2013.  
Subsequent reports are due every 12 calendar month(s).

**Condition 4-9: Compliance Demonstration**  
**Effective between the dates of 07/02/2012 and Permit Expiration Date**

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

## Item 4-9.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-COATS	Emission Point: 00505
Emission Unit: 1-COATS	Emission Point: 00540
Emission Unit: 1-PMSRC	Emission Point: 00006
Emission Unit: 1-PMSRC	Emission Point: 00018
Emission Unit: 1-PMSRC	Emission Point: 00019
Emission Unit: 1-PMSRC	Emission Point: 00020
Emission Unit: 1-PMSRC	Emission Point: 00021
Emission Unit: 1-PMSRC	Emission Point: 00022
Emission Unit: 1-PMSRC	Emission Point: 00025
Emission Unit: 1-PMSRC	Emission Point: 00026
Emission Unit: 1-PMSRC	Emission Point: 00027
Emission Unit: 1-PMSRC	Emission Point: 00028
Emission Unit: 1-PMSRC	Emission Point: 00035
Emission Unit: 1-PMSRC	Emission Point: 00038
Emission Unit: 1-PMSRC	Emission Point: 00039
Emission Unit: 1-PMSRC	Emission Point: 00041
Emission Unit: 1-PMSRC	Emission Point: 00042
Emission Unit: 1-PMSRC	Emission Point: 00043
Emission Unit: 1-PMSRC	Emission Point: 00044

# New York State Department of Environmental Conservation

Permit ID: 6-3014-00004/00192

Facility DEC ID: 6301400004



Emission Unit: 1-PMSRC	Emission Point: 00045
Emission Unit: 1-PMSRC	Emission Point: 00046
Emission Unit: 1-PMSRC	Emission Point: 00049
Emission Unit: 1-PMSRC	Emission Point: 00056
Emission Unit: 1-PMSRC	Emission Point: 00355
Emission Unit: 1-PMSRC	Emission Point: 00420
Emission Unit: 1-PMSRC	Emission Point: 00517
Emission Unit: 1-PMSRC	Emission Point: 00619
Emission Unit: 1-PMSRC	Emission Point: 00703
Emission Unit: 1-STRIP	Emission Point: 00411
Emission Unit: 1-STRIP	Emission Point: 0411A
Emission Unit: 1-STRIP	Emission Point: 0411B

## Item 4-9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Reference Test Method: Observe stack exhaust, perform RM 9 per above

Monitoring Frequency: WEEKLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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



**STATE ONLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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.

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

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

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

**STATE ONLY APPLICABLE REQUIREMENTS**

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

**New York State Department of Environmental Conservation**

Permit ID: 6-3014-00004/00192

Facility DEC ID: 6301400004



**Condition 53: Contaminant List**

**Effective between the dates of 10/28/2003 and Permit Expiration Date**

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

**Item 53.1:**

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

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

**Condition 4-10: Unavoidable noncompliance and violations**

**Effective between the dates of 07/02/2012 and Permit Expiration Date**

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

**Item 4-10.1:**

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 issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. 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. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those



# New York State Department of Environmental Conservation

Permit ID: 6-3014-00004/00192

Facility DEC ID: 6301400004



above.

(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.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

## **Condition 54: Unavoidable noncompliance and violations** **Effective between the dates of 10/28/2003 and Permit Expiration Date**

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

#### **Item 54.1:**

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 issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. 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. These

# New York State Department of Environmental Conservation

Permit ID: 6-3014-00004/00192

Facility DEC ID: 6301400004



reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(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.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

## **Condition 55: Emission Unit Definition**

**Effective between the dates of 10/28/2003 and Permit Expiration Date**

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

### **Item 55.1(From Mod 4):**

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

Emission Unit: 1-COATS

Emission Unit Description:

This emission unit consists of three black oxide metal finishing processes for stainless steel. A strong alkaline bath (Black Magic) imparts a black color onto flatware.

Building(s): 104  
23A  
24

### **Item 55.2(From Mod 4):**

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

Emission Unit: 1-PMSRC

Emission Unit Description:

This emission unit consists of buffers, grinders and welding operations. The primary equipment being operated includes nips, edgers, shankers, auto tines, lathes and index machines. Particulate debris is collected into ductwork and then removed in baghouses and/or rotoclones. Baghouse operation is governed by an O&M Plan and each unit's pressure drop is monitored weekly.

Building(s): 104  
105

**New York State Department of Environmental Conservation**

Permit ID: 6-3014-00004/00192

Facility DEC ID: 6301400004



107  
20  
23A  
24  
2A

**Item 55.3(From Mod 4):**

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

Emission Unit: 1-STRIP

Emission Unit Description:

Residual chloroform, an artifact of the disinfection of this facility's plating wastewater treatment process, is stripped from this effluent. Stripping is performed in five sparging units and at times, a packed bed stripper is utilized.

Building(s): 104  
5

**Condition 56: Air pollution prohibited**

**Effective between the dates of 10/28/2003 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 56.1:**

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

**Condition 4-11: Visible Emissions Limited**

**Effective between the dates of 07/02/2012 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 4-11.1:**

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

**Condition 4-12: Compliance Demonstration**

**Effective between the dates of 07/02/2012 and Permit Expiration Date**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 4-12.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 4-12.2:**

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR 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 material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Reference Test Method: Reference Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

**Condition 57: Emission Point Definition By Emission Unit**  
**Effective between the dates of 10/28/2003 and Permit Expiration Date**

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

**Item 57.1(From Mod 4):**

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

Emission Unit: 1-COATS

Emission Point: 00505

Height (ft.): 30

Diameter (in.): 18

NYTMN (km.): 4769.761

NYTME (km.): 451.001

Building: 23A

Emission Point: 00540

Height (ft.): 32

Diameter (in.): 16

NYTMN (km.): 4769.761

NYTME (km.): 451.001

Building: 24

**Item 57.2(From Mod 4):**

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

Emission Unit: 1-PMSRC

Emission Point: 00006

Height (ft.): 12

Diameter (in.): 24

NYTMN (km.): 4769.761

NYTME (km.): 451.001

Building: 107

Emission Point: 00018

Height (ft.): 26

Diameter (in.): 24

NYTMN (km.): 4769.761

NYTME (km.): 451.001

Building: 23A

**New York State Department of Environmental Conservation**  
**Permit ID: 6-3014-00004/00192**      **Facility DEC ID: 6301400004**



Emission Point: 00019			
Height (ft.): 26	Diameter (in.): 33		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 23A	
Emission Point: 00020			
Height (ft.): 26	Diameter (in.): 34		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 23A	
Emission Point: 00021			
Height (ft.): 28	Diameter (in.): 28		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 20	
Emission Point: 00022			
Height (ft.): 30	Diameter (in.): 34		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00025			
Height (ft.): 29	Diameter (in.): 33		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00026			
Height (ft.): 31	Diameter (in.): 3		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00027			
Height (ft.): 14	Diameter (in.): 12		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 2A	
Emission Point: 00028			
Height (ft.): 26	Diameter (in.): 22		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00035			
Height (ft.): 29	Diameter (in.): 24		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00038			
Height (ft.): 29	Diameter (in.): 30		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00039			
Height (ft.): 28	Diameter (in.): 33		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00041			
Height (ft.): 23	Diameter (in.): 28		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00042			
Height (ft.): 30	Diameter (in.): 26		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	

**New York State Department of Environmental Conservation**  
**Permit ID: 6-3014-00004/00192**      **Facility DEC ID: 6301400004**



Emission Point: 00043			
Height (ft.): 26	Diameter (in.): 30		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00044			
Height (ft.): 30	Diameter (in.): 30		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00045			
Height (ft.): 24	Diameter (in.): 32		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00046			
Height (ft.): 30	Diameter (in.): 36		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00049			
Height (ft.): 30	Diameter (in.): 36		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00056			
Height (ft.): 24	Diameter (in.): 38		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00355			
Height (ft.): 30	Diameter (in.): 32		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 105	
Emission Point: 00420			
Height (ft.): 31	Diameter (in.): 6		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 104	
Emission Point: 00517			
Height (ft.): 23	Diameter (in.): 37		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00619			
Height (ft.): 20	Diameter (in.): 32		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 24	
Emission Point: 00703			
Height (ft.): 32	Diameter (in.): 20		
NYTMN (km.): 4769.761	NYTME (km.): 451.001	Building: 20	

**Item 57.3(From Mod 4):**

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

Emission Unit: 1-STRIP

Emission Point: 00411	
Height (ft.): 19	Diameter (in.): 49



NYTMN (km.): 4769.761 NYTME (km.): 451.001 Building: 104

Emission Point: 0411A  
Height (ft.): 29 Diameter (in.): 18  
NYTMN (km.): 4769.761 NYTME (km.): 451.001 Building: 5

Emission Point: 0411B  
Height (ft.): 23 Diameter (in.): 18  
NYTMN (km.): 4769.761 NYTME (km.): 451.001 Building: 5

**Condition 58: Process Definition By Emission Unit**  
**Effective between the dates of 10/28/2003 and Permit Expiration Date**

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

**Item 58.1(From Mod 4):**

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

Emission Unit: 1-COATS  
Process: 001  
Process Description:  
This process consists of three black oxide metal treatment (alkaline) processes for the black coloration of stainless steel flatware. The alkaline product used is 'Black Magic'. This process is a true conversion coating formed when oxidizing salts chemically react with a ferrous alloy to form magnetite, the black oxide of iron.

Emission Source/Control: COAT1 - Process

Emission Source/Control: COAT2 - Process

Emission Source/Control: COAT3 - Process

**Item 58.2(From Mod 4):**

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

Emission Unit: 1-PMSRC  
Process: P01  
  
Emission Source/Control: RC006 - Control  
Control Type: CENTRIFUGAL

Emission Source/Control: ES006 - Process

**Item 58.3(From Mod 4):**

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

Emission Unit: 1-PMSRC  
Process: P02  
  
Emission Source/Control: RC018 - Control

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Control Type: CENTRIFUGAL

Emission Source/Control: RC019 - Control  
Control Type: CENTRIFUGAL

Emission Source/Control: RC020 - Control  
Control Type: CENTRIFUGAL

Emission Source/Control: RC355 - Control  
Control Type: CENTRIFUGAL

Emission Source/Control: 13001 - Process

Emission Source/Control: 13002 - Process

Emission Source/Control: 13003 - Process

Emission Source/Control: 13004 - Process

Emission Source/Control: 13005 - Process

Emission Source/Control: 13006 - Process

Emission Source/Control: 13008 - Process

Emission Source/Control: 13009 - Process

Emission Source/Control: 13010 - Process

Emission Source/Control: 13011 - Process

Emission Source/Control: 13012 - Process

Emission Source/Control: 13013 - Process

Emission Source/Control: 13014 - Process

Emission Source/Control: 13015 - Process

Emission Source/Control: 13016 - Process

Emission Source/Control: 13017 - Process

Emission Source/Control: 13018 - Process

Emission Source/Control: 13028 - Process

Emission Source/Control: 13029 - Process

Emission Source/Control: 13030 - Process

Emission Source/Control: 13031 - Process



**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Emission Source/Control: 13048 - Process

Emission Source/Control: 13049 - Process

Emission Source/Control: 13050 - Process

Emission Source/Control: 45001 - Process

Emission Source/Control: 45002 - Process

Emission Source/Control: 45004 - Process

Emission Source/Control: 45014 - Process

Emission Source/Control: 45021 - Process

Emission Source/Control: 45025 - Process

Emission Source/Control: 45030 - Process

Emission Source/Control: 45033 - Process

Emission Source/Control: 45035 - Process

Emission Source/Control: 45036 - Process

Emission Source/Control: 45191 - Process

Emission Source/Control: 45194 - Process

Emission Source/Control: 45195 - Process

Emission Source/Control: 45200 - Process

Emission Source/Control: 45210 - Process

Emission Source/Control: 45222 - Process

Emission Source/Control: 50164 - Process

Emission Source/Control: 51002 - Process

Emission Source/Control: 51003 - Process

Emission Source/Control: 51014 - Process

Emission Source/Control: 51015 - Process

Emission Source/Control: 51016 - Process

Emission Source/Control: 51017 - Process

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Emission Source/Control: 51032 - Process

Emission Source/Control: 51045 - Process

Emission Source/Control: 51048 - Process

Emission Source/Control: 51061 - Process

Emission Source/Control: 51068 - Process

Emission Source/Control: 60001 - Process

Emission Source/Control: 60002 - Process

Emission Source/Control: 60015 - Process

Emission Source/Control: 60019 - Process

Emission Source/Control: 60028 - Process

Emission Source/Control: 60029 - Process

Emission Source/Control: 60058 - Process

Emission Source/Control: 60060 - Process

Emission Source/Control: 60062 - Process

Emission Source/Control: 60063 - Process

Emission Source/Control: 60064 - Process

Emission Source/Control: 60065 - Process

Emission Source/Control: 60066 - Process

Emission Source/Control: 60067 - Process

Emission Source/Control: 61001 - Process

Emission Source/Control: 61002 - Process

Emission Source/Control: 61003 - Process

Emission Source/Control: 61004 - Process

Emission Source/Control: 70011 - Process

Emission Source/Control: 70020 - Process

Emission Source/Control: 71002 - Process

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Emission Source/Control: 71004 - Process

Emission Source/Control: 71005 - Process

Emission Source/Control: 71031 - Process

Emission Source/Control: 71032 - Process

**Item 58.4(From Mod 4):**

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

Emission Unit: 1-PMSRC

Process: P03

Emission Source/Control: BH022 - Control

Control Type: FABRIC FILTER

Emission Source/Control: BH038 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 45006 - Process

Emission Source/Control: 45007 - Process

Emission Source/Control: 45102 - Process

Emission Source/Control: 45126 - Process

Emission Source/Control: 45128 - Process

Emission Source/Control: 45129 - Process

Emission Source/Control: 45131 - Process

Emission Source/Control: 45146 - Process

Emission Source/Control: 45153 - Process

Emission Source/Control: 45203 - Process

Emission Source/Control: 45249 - Process

Emission Source/Control: 45274 - Process

Emission Source/Control: 45281 - Process

Emission Source/Control: 45282 - Process

Emission Source/Control: 45283 - Process

Emission Source/Control: 45284 - Process

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



**Item 58.5(From Mod 4):**

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

Emission Unit: 1-PMSRC  
Process: P04

Emission Source/Control: BH021 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH025 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH039 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH049 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 45068 - Process

Emission Source/Control: 45076 - Process

Emission Source/Control: 45082 - Process

Emission Source/Control: 45094 - Process

Emission Source/Control: 45100 - Process

Emission Source/Control: 45106 - Process

Emission Source/Control: 45112 - Process

Emission Source/Control: 45118 - Process

Emission Source/Control: 45120 - Process

Emission Source/Control: 45121 - Process

Emission Source/Control: 45123 - Process

Emission Source/Control: 45149 - Process

Emission Source/Control: 45150 - Process

Emission Source/Control: 45167 - Process

Emission Source/Control: 45168 - Process

Emission Source/Control: 45203 - Process

Emission Source/Control: 45207 - Process

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Emission Source/Control: 45208 - Process

Emission Source/Control: 45213 - Process

Emission Source/Control: 45215 - Process

Emission Source/Control: 45270 - Process

Emission Source/Control: 45273 - Process

Emission Source/Control: 45303 - Process

Emission Source/Control: 45304 - Process

Emission Source/Control: 50060 - Process

Emission Source/Control: 50061 - Process

Emission Source/Control: 50156 - Process

Emission Source/Control: 50157 - Process

Emission Source/Control: 51028 - Process

Emission Source/Control: 51030 - Process

Emission Source/Control: 51031 - Process

Emission Source/Control: 51032 - Process

Emission Source/Control: 52005 - Process

Emission Source/Control: 60021 - Process

Emission Source/Control: 60022 - Process

Emission Source/Control: 60024 - Process

Emission Source/Control: 60037 - Process

Emission Source/Control: 60038 - Process

Emission Source/Control: 60043 - Process

Emission Source/Control: 60053 - Process

Emission Source/Control: 60054 - Process

Emission Source/Control: 60055 - Process

Emission Source/Control: 61006 - Process

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Emission Source/Control: 61007 - Process

Emission Source/Control: 61008 - Process

Emission Source/Control: 61609 - Process

**Item 58.6(From Mod 4):**

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

Emission Unit: 1-PMSRC

Process: P06

Emission Source/Control: BH028 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH035 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH042 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH043 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH044 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH045 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH046 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH056 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH420 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BH619 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 30008 - Process

Emission Source/Control: 45003 - Process

Emission Source/Control: 45008 - Process

Emission Source/Control: 45009 - Process

Emission Source/Control: 45011 - Process

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Emission Source/Control: 45017 - Process

Emission Source/Control: 45022 - Process

Emission Source/Control: 45026 - Process

Emission Source/Control: 45053 - Process

Emission Source/Control: 45054 - Process

Emission Source/Control: 45061 - Process

Emission Source/Control: 45065 - Process

Emission Source/Control: 45069 - Process

Emission Source/Control: 45071 - Process

Emission Source/Control: 45072 - Process

Emission Source/Control: 45073 - Process

Emission Source/Control: 45074 - Process

Emission Source/Control: 45104 - Process

Emission Source/Control: 45108 - Process

Emission Source/Control: 45114 - Process

Emission Source/Control: 45130 - Process

Emission Source/Control: 45134 - Process

Emission Source/Control: 45135 - Process

Emission Source/Control: 45136 - Process

Emission Source/Control: 45137 - Process

Emission Source/Control: 45138 - Process

Emission Source/Control: 45139 - Process

Emission Source/Control: 45142 - Process

Emission Source/Control: 45144 - Process

Emission Source/Control: 45145 - Process

Emission Source/Control: 45165 - Process

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Emission Source/Control: 45189 - Process

Emission Source/Control: 45244 - Process

Emission Source/Control: 45248 - Process

Emission Source/Control: 45250 - Process

Emission Source/Control: 45252 - Process

Emission Source/Control: 45253 - Process

Emission Source/Control: 45254 - Process

Emission Source/Control: 45255 - Process

Emission Source/Control: 45256 - Process

Emission Source/Control: 45257 - Process

Emission Source/Control: 45258 - Process

Emission Source/Control: 45259 - Process

Emission Source/Control: 45261 - Process

Emission Source/Control: 45266 - Process

Emission Source/Control: 45268 - Process

Emission Source/Control: 45272 - Process

Emission Source/Control: 45285 - Process

Emission Source/Control: 45288 - Process

Emission Source/Control: 45308 - Process

Emission Source/Control: 45310 - Process

Emission Source/Control: 60003 - Process

Emission Source/Control: 60007 - Process

Emission Source/Control: 60008 - Process

Emission Source/Control: 60010 - Process

Emission Source/Control: 60011 - Process

Emission Source/Control: 60012 - Process



**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



Emission Source/Control: 60013 - Process

Emission Source/Control: 60018 - Process

Emission Source/Control: 60020 - Process

Emission Source/Control: 60031 - Process

Emission Source/Control: 60039 - Process

Emission Source/Control: 60051 - Process

Emission Source/Control: 60056 - Process

Emission Source/Control: 61009 - Process

Emission Source/Control: 61013 - Process

Emission Source/Control: 71003 - Process

Emission Source/Control: 71030 - Process

**Item 58.7(From Mod 4):**

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

Emission Unit: 1-PMSRC

Process: P07

Emission Source/Control: BH041 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 45042 - Process

Emission Source/Control: 45043 - Process

Emission Source/Control: 45044 - Process

Emission Source/Control: 45045 - Process

Emission Source/Control: 45046 - Process

Emission Source/Control: 45047 - Process

Emission Source/Control: 45048 - Process

Emission Source/Control: 45049 - Process

Emission Source/Control: 45050 - Process

Emission Source/Control: 80039 - Process

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



**Item 58.8(From Mod 4):**

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

Emission Unit: 1-PMSRC

Process: P08

Process Description:

In this process, lime is added into a hopper to create a lime slurry for wastewater treatment.

Emission Source/Control: BH420 - Control

Control Type: FABRIC FILTER

Emission Source/Control: ES420 - Process

**Item 58.9(From Mod 4):**

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

Emission Unit: 1-PMSRC

Process: P09

Emission Source/Control: BH026 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 51020 - Process

Emission Source/Control: 51036 - Process

Emission Source/Control: 51037 - Process

Emission Source/Control: 60009 - Process

Emission Source/Control: 60025 - Process

Emission Source/Control: 60026 - Process

Emission Source/Control: 60030 - Process

Emission Source/Control: 60033 - Process

Emission Source/Control: 60034 - Process

Emission Source/Control: 60052 - Process

Emission Source/Control: 60059 - Process

Emission Source/Control: 61006 - Process

Emission Source/Control: 61011 - Process

Emission Source/Control: 61017 - Process

Emission Source/Control: 61018 - Process

**New York State Department of Environmental Conservation**

**Permit ID: 6-3014-00004/00192**

**Facility DEC ID: 6301400004**



**Item 58.10(From Mod 4):**

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

Emission Unit: 1-STRIP

Process: S01

Source Classification Code: 3-01-820-01

Process Description:

During cooler winter months and as an assist to process S02, effluent from the wastewater treatment plant (plantwide process wastewater, including plating effluent) is directed through a packed bed stripper to strip out chloroform that was created as an artifact of the water treatment process. Chloroform is created from the application of chlorine to the cyanide-bearing wastewater. This process exhausts to EP00411.

Characteristics: Max wastewater handling capacity is 100,000 gal/day. Influent chloroform content is 2,000 ppb. Max emitted chloroform is 2 lb/day or 400 lb/yr.

Emission Source/Control: STRP1 - Process

**Item 58.11(From Mod 4):**

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

Emission Unit: 1-STRIP

Process: S02

Source Classification Code: 3-01-820-01

Process Description:

Effluent from the wastewater treatment plant (plantwide process wastewater) is directed through five air sparging units to strip out chloroform that had been created as an artifact of the treatment process. Three sparging units exhaust to EP0411A and two others exhaust to EP0411B.

Emission Source/Control: STRP2 - Process

Emission Source/Control: STRP3 - Process

