



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-3016-00065/00011  
Effective Date: 12/16/2014 Expiration Date: 12/15/2024

Permit Issued To: UTICA METAL PRODUCTS INC  
1526 LINCOLN AVE  
UTICA, NY 13502-5298

Contact: SHANNON LAZAREK  
UTICA METAL PRODUCTS INC  
1526 LINCOLN AVE  
UTICA, NY 13502  
(315) 732-6163

Facility: UTICA METAL PRODUCTS  
1526 LINCOLN AVE  
UTICA, NY 13502-5298

Description:

The Renewal #1 is being performed for the following reasons:

- 1) To bring in the new Part 228 regulations
- 2) To create a 10 year expiration per the new Part 201
- 3) To add Sorce NICK1, a new nickel plating tank

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: LAWRENCE R AMBEAU  
NYSDEC - REGION 6  
317 WASHINGTON ST  
WATERTOWN, NY 13601

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
- Permit modifications, suspensions or revocations by the Department

**Facility Level**

- Submission of application for permit modification or renewal-REGION 6 SUBOFFICE - UTICA



**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, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**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 4: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

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.

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

**Condition 5: Submission of application for permit modification or renewal-REGION 6**  
**SUBOFFICE - UTICA**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

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

NYSDEC Regional Permit Administrator  
Region 6 Sub-office  
Division of Environmental Permits  
State Office Building, 207 Genesee Street  
Utica, NY 13501-2885  
(315) 793-2555

**New York State Department of Environmental Conservation**

Permit ID: 6-3016-00065/00011

Facility DEC ID: 6301600065



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: UTICA METAL PRODUCTS INC  
1526 LINCOLN AVE  
UTICA, NY 13502-5298

Facility: UTICA METAL PRODUCTS  
1526 LINCOLN AVE  
UTICA, NY 13502-5298

Authorized Activity By Standard Industrial Classification Code:  
3465 - AUTOMOTIVE STAMPINGS

Permit Effective Date: 12/16/2014

Permit Expiration Date: 12/15/2024



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 3 6 NYCRR 211.1: Air pollution prohibited
- 4 6 NYCRR 211.1: Compliance Demonstration
- 5 6 NYCRR 212.4 (a): Compliance Demonstration
- 6 6 NYCRR 212.4 (a): Compliance Demonstration
- 7 6 NYCRR 212.4 (c): Compliance Demonstration
- 8 6 NYCRR 212.6 (a): Compliance Demonstration
- 9 6 NYCRR 228-1.3 (a): Compliance Demonstration
- 10 6 NYCRR 228-1.3 (d): Compliance Demonstration
- 11 40CFR 63.11508(d)(3), Subpart WWWW: Compliance Demonstration
- 12 40CFR 63.11509(c), Subpart WWWW: Compliance Demonstration
- 13 40CFR 63.11509(c)(4), Subpart WWWW: Compliance Demonstration

#### Emission Unit Level

##### EU=1-PLATE,Proc=CHR

- 14 40CFR 63.346(a), Subpart N: Compliance Demonstration
- 15 40CFR 63.346(c), Subpart N: Compliance Demonstration

##### EU=1-PLATE,Proc=CHR,ES=CHRM1

- 16 40CFR 63.346(b)(13), Subpart N: Compliance Demonstration

### STATE ONLY ENFORCEABLE CONDITIONS

#### Facility Level

- 17 ECL 19-0301: Contaminant List
- 18 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 19 6 NYCRR Subpart 201-5: Emission Unit Definition
- 20 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 21 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 22 6 NYCRR 211.2: Visible Emissions Limited

#### Emission Unit Level

- 23 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 24 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**



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 1: Facility Permissible Emissions**



Effective between the dates of 12/16/2014 and 12/15/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

**Item 1.1:**

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

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

PTE: 5,999 pounds per year

**Condition 2: Capping Monitoring Condition**

Effective between the dates of 12/16/2014 and 12/15/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

**Item 2.1:**

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)  
6 NYCRR Subpart 228-1

**Item 2.2:**

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

**Item 2.3:**

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 2.4:**

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 2.5:**

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 2.6:**



The Compliance Demonstration activity will be performed for the Facility.

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

**Item 2.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

CAP:

Facility owner shall ensure that the facility-wide emissions of volatile organic compounds (VOC), including those from permitted, exempt and trivial sources, remain less than 5,999 pounds during any consecutive 365 day period. This 5,999 pound VOC cap enables UMP to avoid the applicability of 6 NYCRR 228-1, however facility must comply with Part 228-1.3 (General Requirements).

RECORDS:

Facility owner shall maintain records that verify the facility's monthly VOC emissions. These records shall be maintained at the facility for a minimum five year period. Reports will be submitted semi-annually, in a format acceptable to the Department, which document that the facility's VOC emissions during any consecutive 365 day period were less than 5,999 pounds.

REPORTS:

The semi-annual monitoring report shall include information that documents the VOC emissions from each emission source at the facility, including exempt and trivial activities. The report shall also include all emission factors and other data used in calculating the monthly VOC emissions. The form "Annual Capping Certification" is required.

NONCOMPLIANCE:

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

Parameter Monitored: VOC

Upper Permit Limit: 5,999 pounds per year

Reference Test Method: EPA Reference Method 25A

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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



**Condition 3: Air pollution prohibited**  
**Effective between the dates of 12/16/2014 and 12/15/2024**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 3.1:**

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: Compliance Demonstration**  
**Effective between the dates of 12/16/2014 and 12/15/2024**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 4.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 4.2:**

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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 5: Compliance Demonstration**



Effective between the dates of 12/16/2014 and 12/15/2024

Applicable Federal Requirement:6 NYCRR 212.4 (a)

**Item 5.1:**

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

Emission Unit: 1-BDIP1                      Emission Point: 00006

Regulated Contaminant(s):  
CAS No: 007697-37-2              NITRIC ACID  
CAS No: 007664-93-9              SULFURIC ACID

**Item 5.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Facility shall monitor and record the pressure drop across the Mapco mist eliminator once per week. Facility shall observe differential pressure readings as units of 'inches of water' from the installed Magnehelic Gauge. Facility shall investigate high or low exceedences and take appropriate corrective actions and/or emission unit shutdown. Semi-annually, UMP shall submit a six month pressure-drop log to NYSDEC. Facility is required to maintain a calibrated magnehelic gauge with sufficient range to cover at least zero to 5".

Parameter Monitored: PRESSURE DROP  
Lower Permit Limit: 1.5 inches of water  
Upper Permit Limit: 4 inches of water  
Monitoring Frequency: WEEKLY  
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED  
RANGE AT ANY TIME  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2015.  
Subsequent reports are due every 6 calendar month(s).

**Condition 6: Compliance Demonstration**  
Effective between the dates of 12/16/2014 and 12/15/2024

Applicable Federal Requirement:6 NYCRR 212.4 (a)

**Item 6.1:**

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

Emission Unit: 1-BDIP1                      Emission Point: 00006



Regulated Contaminant(s):  
CAS No: 007697-37-2 NITRIC ACID  
CAS No: 007664-93-9 SULFURIC ACID

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Per the 2006 O&M Plan, Utica Metal Products is required to maintain, monitor and keep maintenance records for the Mapco 3000 cfm mist eliminator that is installed on this emission unit:

- 1) Perform a mesh pad washdown daily
  - a) Minimum rinse interval: Once per operating day
  - b) Fresh water rinse
  - c) Minimum rinse time: 30 seconds
  - d) Minimum rinse amount: 2.65 gal/rinse
  - e) Continue rinsing until effluent runs clear
- 2) Spray Nozzle Inspection
  - a) Inspect nozzle condition at 6 month intervals
  - b) Verify acceptable nozzle wear
  - c) Verify suitable (a full cone shape for each nozzle) spray pattern
- 3) Mesh Pad Inspection
  - a) Inspect pad condition at 3 month intervals
  - b) Verify structural integrity of pad, evaluate any degradation or plugging
  - c) Minimum pad change interval: Once every 2 to 4 years
  - d) Maintain one spare (mesh pad) in stock
- 4) Annually verify integrity of the Magnehelic Gauge
- 5) Keep O&M Plan onsite and immediately available to maintenance staff
- 6) Keep mist eliminator records for no less than 5 years
- 7) Otherwise, maintain mist eliminator per O&M Plan

Reference Test Method: Follow O&M Plan

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 7: Compliance Demonstration**  
**Effective between the dates of 12/16/2014 and 12/15/2024**

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

**Item 7.1:**

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





Emission Unit: 1-BDIP1 Emission Point: 00006  
Emission Unit: 1-PLATE Emission Point: 00002  
Emission Unit: 1-PLATE Emission Point: 00004  
Regulated Contaminant(s):  
CAS No: 0NY075-00-0 PARTICULATES

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emissions of solid particles are limited to less than  
0.05 grains of particulates per cubic foot of exhaust gas,  
expressed at standard conditions and on a dry gas basis.  
Performance testing (EPA Reference Method 5) may be  
conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.05 grains per dscf  
Reference Test Method: EPA Reference Method 5  
Monitoring Frequency: DAILY  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2015.  
Subsequent reports are due every 6 calendar month(s).

**Condition 8: Compliance Demonstration**  
**Effective between the dates of 12/16/2014 and 12/15/2024**

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

**Item 8.1:**

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

Emission Unit: 1-BDIP1 Emission Point: 00006  
Emission Unit: 1-PLATE Emission Point: 00002  
Emission Unit: 1-PLATE Emission Point: 00004  
Regulated Contaminant(s):  
CAS No: 0NY075-00-0 PARTICULATES

**Item 8.2:**

Compliance Demonstration shall include the following monitoring:



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

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20% or greater for any consecutive six-minute period from any process emission source subject to 6 NYCRR 201.

EPA Reference Method 9 is the only formal determinate of opacity compliance and the Department reserves the right to perform or require the performance of a RM9.

In the absence of a formal RM 9, facility shall attest to opacity compliance by visually monitoring and recording the magnitude of optical density of the exhaust plume from each referenced emission point. This observation shall be made once per WEEK and while the source is operating. The observer shall not consider that portion of the plume that is water vapor. These observations shall be recorded in a log book which shall be submitted annually and shall be retained for a five year period.

If dense emissions (any that are greater than "clear" or "very minimal") are observed, then facility shall:

- 1) Immediately investigate the root cause and take appropriate corrective action.
- 2) Conduct a certified EPA Reference Method 9 visible emission test
- 3) Notify the NYSDEC, Division of Air Resources, Region 6
- 4) If the Method 9 test determines that the opacity is less than 20%, then an appropriate log entry of "very minimal" shall be recorded.
- 5) If the RM9 certified observer detects opacity greater than 20%, then facility shall make such an entry in the log.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Observe stack plume, do EPA Method 9 per above

Monitoring Frequency: WEEKLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 9: Compliance Demonstration**  
**Effective between the dates of 12/16/2014 and 12/15/2024**



**Applicable Federal Requirement:6 NYCRR 228-1.3 (a)**

**Item 9.1:**

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

Emission Unit: 1-COAT1	Emission Point: 00011
Emission Unit: 1-COAT1	Emission Point: 00012
Emission Unit: 1-COAT1	Emission Point: 00014
Emission Unit: 1-COAT1	Emission Point: 00015
Emission Unit: 1-COAT1	Emission Point: 00016
Emission Unit: 1-COAT1	Emission Point: 00017
Emission Unit: 1-COAT1	Emission Point: 00018
Emission Unit: 1-COAT1	Emission Point: 00019
Emission Unit: 1-COAT1	Emission Point: 00020

Regulated Contaminant(s):  
CAS No: 0NY075-00-0 PARTICULATES

**Item 9.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20% or greater for any consecutive six-minute period from any process emission source subject to 6 NYCRR 228.

EPA Reference Method 9 is the only formal determinate of opacity compliance and the Department reserves the right to perform or require the performance of a RM9.

In the absence of a formal RM 9, facility shall attest to opacity compliance by visually monitoring and recording the magnitude of optical density of the exhaust plume from each referenced emission point. This observation shall be made once per WEEK and while the source is operating. The observer shall not consider that portion of the plume that is due to water vapor. These observations shall be recorded in a log book which shall be submitted semi-annually and shall be retained for a minimum five year period.



If dense emissions (any that are greater than "clear" or "very minimal") are observed, then facility shall:

- 1) Immediately investigate the root cause and take appropriate corrective action.
- 2) Conduct a certified EPA Reference Method 9 visible emission test
- 3) Notify the NYSDEC, Division of Air Resources, Region 6
- 4) If the Method 9 test determines that the opacity is less than 20%, then an appropriate log entry of "very minimal" shall be recorded.
- 5) If the RM9 certified observer detects opacity greater than 20%, then facility shall make such an entry in the log.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Observe stack plume, do EPA Method 9 per above

Monitoring Frequency: WEEKLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 10: Compliance Demonstration**  
**Effective between the dates of 12/16/2014 and 12/15/2024**

**Applicable Federal Requirement: 6 NYCRR 228-1.3 (d)**

**Item 10.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 10.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within the work area(s) associated with a coating line, the owner or operator of a facility subject to this Subpart must:

- (a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
- (b) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;



- (c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
- (d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;
- (e) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;
- (f) minimize spills during the handling and transfer of coatings and VOC solvents; and
- (g) clean hand held spray guns by one of the following:
  - (1) an enclosed spray gun cleaning system that is kept closed when not in use;
  - (2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;
  - (3) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or
  - (4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

Open containers, if found, shall be covered and such deviations shall be noted in a log maintained in the operating area. The log shall include the following information:

- date and time of observation
- description of observed deviation from this permit condition
- corrective measures taken, if necessary

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2015.  
Subsequent reports are due every 6 calendar month(s).

**Condition 11: Compliance Demonstration**  
**Effective between the dates of 12/16/2014 and 12/15/2024**



**Applicable Federal Requirement:40CFR 63.11508(d)(3), Subpart  
WWWWWW**

**Item 11.1:**

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

Emission Unit: 1-PLATE  
Process: NKL Emission Source: NICK1

Emission Unit: 1-PLATE  
Process: NKL Emission Source: NICK2

Regulated Contaminant(s):  
CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE  
COMPOUNDS

**Item 11.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall maintain proper wetting agent  
concentration in these nickel plating baths. Facility  
utilizes the manufacturer's recommended wetting agents in  
these nickel baths.

Monitoring Frequency: DAILY

Averaging Method: AVERAGING METHOD - SEE MONITORING  
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 12: Compliance Demonstration  
Effective between the dates of 12/16/2014 and 12/15/2024**

**Applicable Federal Requirement:40CFR 63.11509(c), Subpart  
WWWWWW**

**Item 12.1:**

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

Emission Unit: 1-PLATE  
Process: ALD Emission Source: ALDN1

Emission Unit: 1-PLATE  
Process: ANZ Emission Source: SEALR

Emission Unit: 1-PLATE

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00011

Facility DEC ID: 6301600065



Process: NKL

Emission Source: NICK1

Emission Unit: 1-PLATE

Process: NKL

Emission Source: NICK2

Regulated Contaminant(s):

CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE  
COMPOUNDS

**Item 12.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall submit an "Annual Compliance Report" to the Administrator (EPA) by January 31st and this report shall cover the reporting period of the preceding calendar year. These reports shall be maintained onsite for a minimum five year period. Send report to:

USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

Per 40 CFR 63.11509(c)(1):

For Source NICK1 and also NICK2, the facility is required to state that it had/had not added wetting agent/fume suppressant to the baths according to the manufacturer's specifications/instructions. A statement shall be made about the occurrence of deviations/no deviations that had occurred through that reporting period.

Per 40 CFR 63.11509(c)(4):

For Sources ALDN1 and SEALR, the facility is required to state that it had/had not operated each of these sources with a cover in place for at least 95% of the electrolytic processing times that had elapsed. A statement shall be made about the occurrence of deviations/no deviations that had occurred through that reporting period.

In the Annual Monitoring Report (to NYSDEC), facility shall disclose the date on which they had submitted the above referenced EPA report.

Monitoring Frequency: ANNUALLY

Averaging Method: ANNUAL TOTAL

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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



**Condition 13: Compliance Demonstration**  
Effective between the dates of 12/16/2014 and 12/15/2024

**Applicable Federal Requirement: 40CFR 63.11509(c)(4), Subpart**  
WWWWWW

**Item 13.1:**  
The Compliance Demonstration activity will be performed for the facility:  
The Compliance Demonstration applies to:

Emission Unit: 1-PLATE  
Process: ALD Emission Source: ALDN1

Emission Unit: 1-PLATE  
Process: ANZ Emission Source: SEALR

Regulated Contaminant(s):  
CAS No: 007440-47-3 CHROMIUM  
CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE

COMPOUNDS

**Item 13.2:**  
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

The aluminum substrate parts are known to contain one or more of the "target HAPs" [see 40CFR63.11505(d)(6)]. Facility shall utilize a tank cover as defined in 63.11511, over the effective surface area of the tank for at least 95% of the electrolytic process time. Facility shall keep records that indicate that the cover position has been monitored daily.

Work Practice Type: HOURS PER DAY OPERATION  
Lower Permit Limit: 95 percent  
Monitoring Frequency: DAILY  
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE - SEE MONITORING DESCRIPTION  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2015.  
Subsequent reports are due every 12 calendar month(s).

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

**Condition 14: Compliance Demonstration**  
Effective between the dates of 12/16/2014 and 12/15/2024





**Applicable Federal Requirement: 40CFR 63.346(a), Subpart N**

**Item 14.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-PLATE  
Process: CHR

Regulated Contaminant(s):  
CAS No: 007440-47-3 CHROMIUM

**Item 14.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected source subject to 40CFR 63 Subpart N shall fulfill all recordkeeping requirements outlined in section 63.346 and in the General Provisions to 40CFR 63 (40CFR63 Subpart A).

The records specific for Subpart N are listed as items numbered 1 through 16 under section 63.346(b).

Subpart A requirements are specified in Table 1 to Subpart N. They are listed as follows:

63.10(a)(3): If any State requires a report that contains all the information required in a report listed in Subpart A, an owner or operator may send the Administrator a copy of the report sent to the State to satisfy the requirements of Subpart A for that report.

63.10(a)(4)(ii): After a State has been delegated the authority to implement and enforce recordkeeping and reporting requirements established under this part, the owner or operator of an affected source in such State subject to such requirements shall submit reports to the delegated State authority (which may be the same as the permitting authority). In addition, if the delegated (permitting) authority is the State, the owner or operator shall send a copy of each report submitted to the State to the appropriate Regional Office of the EPA, as specified in paragraph (a)(4)(i) of section 63.10. The Regional Office may waive this requirement for any reports at its discretion.

63.10(a)(5): If an owner or operator of an affected source in a State with delegated authority is required to submit periodic reports under Part 63 to the State, and if



the State has an established timeline for the submission of periodic reports that is consistent with the reporting frequency(ies) specified for such source under Part 63, the owner or operator may change the dates by which periodic reports under Part 63 shall be submitted (without changing the frequency of reporting) to be consistent with the State's schedule by mutual agreement between the owner or operator and the State. For each relevant standard established pursuant to section 112 of the Act, the allowance in the previous sentence applies in each State beginning 1 year after the affected source's compliance date for that standard. Procedures governing the implementation of this provision are specified in §63.9(i).

63.10(a)(6): If an owner or operator supervises one or more stationary sources affected by more than one standard established pursuant to section 112 of the Act, he/she may arrange by mutual agreement between the owner or operator and the Administrator (or the State permitting authority) a common schedule on which periodic reports required for each source shall be submitted throughout the year. The allowance in the previous sentence applies in each State beginning 1 year after the latest compliance date for any relevant standard established pursuant to section 112 of the Act for any such affected source(s). Procedures governing the implementation of this provision are specified in §63.9(i).

63.10(a)(7): If an owner or operator supervises one or more stationary sources affected by standards established pursuant to section 112 of the Act (as amended November 15, 1990) and standards set under part 60, part 61, or both such parts of this chapter, he/she may arrange by mutual agreement between the owner or operator and the Administrator (or the State permitting authority) a common schedule on which periodic reports required by each relevant (i.e., applicable) standard shall be submitted throughout the year. The allowance in the previous sentence applies in each State beginning 1 year after the stationary source is required to be in compliance with the relevant section 112 standard, or 1 year after the stationary source is required to be in compliance with the applicable part 60 or part 61 standard, whichever is latest. Procedures governing the implementation of this provision are specified in §63.9(i).

63.10(b): The owner or operator of an affected source subject to the provisions of Part 63 shall maintain files of all information (including all reports and notifications) required by Part 63 recorded in a form suitable and readily available for expeditious inspection



and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 15: Compliance Demonstration**  
Effective between the dates of 12/16/2014 and 12/15/2024

**Applicable Federal Requirement:40CFR 63.346(c), Subpart N**

**Item 15.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-PLATE  
Process: CHR

Regulated Contaminant(s):  
CAS No: 007440-47-3 CHROMIUM

**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

All records required by 40CFR63 Subpart N shall be maintained for a period of 5 years in accordance with section 63.10(b)(1).

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 16: Compliance Demonstration**  
Effective between the dates of 12/16/2014 and 12/15/2024

**Applicable Federal Requirement:40CFR 63.346(b)(13), Subpart N**

**Item 16.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-PLATE  
Process: CHR Emission Source: CHRM1

Regulated Contaminant(s):  
CAS No: 007440-47-3 CHROMIUM

**Item 16.2:**

Compliance Demonstration shall include the following monitoring:

**New York State Department of Environmental Conservation**

**Permit ID: 6-3016-00065/00011**

**Facility DEC ID: 6301600065**



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For sources using fume suppressants to comply with the standards, facility shall maintain a record of the date and time that fume suppressants were added to the electroplating or anodizing bath.

Monitoring Frequency: DAILY

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

Subsequent reports are due every 6 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 facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

**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.**

**Condition 17: Contaminant List**  
**Effective between the dates of 12/16/2014 and 12/15/2024**



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

**Item 17.1:**

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

CAS No: 007440-02-0

Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 007664-93-9

Name: SULFURIC ACID

CAS No: 007697-37-2

Name: NITRIC ACID

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY998-00-0

Name: VOC

**Condition 18: Malfunctions and start-up/shutdown activities  
Effective between the dates of 12/16/2014 and 12/15/2024**

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

**Item 18.1:**

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, 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 department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working



hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 19: Emission Unit Definition**  
**Effective between the dates of 12/16/2014 and 12/15/2024**

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

**Item 19.1:**

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

Emission Unit: 1-BDIP1

Emission Unit Description:

This emission unit consists of the "bright dip" process - this is an metal acid-cleansing operation. Metal parts are stripped with sulfuric and nitric acid in two tanks and then flushed in rinse tanks. A fume hood collects and exhausts acid emissions through a mist eliminator (control device) to EP00006, a roof stack.

Building(s): 1

**Item 19.2:**

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

Emission Unit: 1-COAT1

Emission Unit Description:

This emission unit consists of the surface coating of metal parts. Permittable sources include seven bench-top paint spray booths and two walk-in spray booths. Painted parts are either air-dried or heat-cured. One gas-fired curing oven (0.25 MMBtu/hr) is exempt pursuant to 6NYCRR 201-3.2(c)(2). Due to the 5,999 ton/yr VOC cap, coatings are not required to meet VOC-content requirements.

Building(s): 1

**Item 19.3:**

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

Emission Unit: 1-PLATE

Emission Unit Description:

This emission unit consists of decorative chromium



plating, nickel plating, alodizing, sulfuric (Type II) anodizing processes and also the buffing of various metal parts (prior to plating) on mechanical wheels. Chromium electroplating is performed in chromic acid. Sulfuric anodizing is electrolytic and is performed in a 16% solution of sulfuric acid. Alodizing (chromate conversion) is non-electrolytic. Various fume hoods that are oriented above these baths and then exhaust to the central ventilation system (Source = PLFAN) (EP00002). The buffing operation also exhausts to (PLFAN) EP00002. The large PM emissions of EP00002 and controlled by a cyclone. The Chemopolish (part of anodize line) tank exhausts to EP00004. This emission unit contains the Processes CHR, NKL, ALD, ANZ and BUF.

Building(s): 1

**Condition 20: Renewal deadlines for state facility permits  
Effective between the dates of 12/16/2014 and 12/15/2024**

**Applicable State Requirement:6 NYCRR 201-5.2 (c)**

**Item 20.1:**

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Condition 21: Compliance Demonstration  
Effective between the dates of 12/16/2014 and 12/15/2024**

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

**Item 21.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 21.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 6  
State Office Building  
317 Washington Ave.  
Watertown, NY 13601



**New York State Department of Environmental Conservation**

Permit ID: 6-3016-00065/00011

Facility DEC ID: 6301600065



Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 22: Visible Emissions Limited**  
**Effective between the dates of 12/16/2014 and 12/15/2024**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 22.1:**

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

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

**Condition 23: Emission Point Definition By Emission Unit**  
**Effective between the dates of 12/16/2014 and 12/15/2024**

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

**Item 23.1:**

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

Emission Unit: 1-BDIP1

Emission Point: 00006

Height (ft.): 34

Diameter (in.): 16

NYTMN (km.): 4771.487 NYTME (km.): 479.308 Building: 1

**Item 23.2:**

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

Emission Unit: 1-COAT1

Emission Point: 00011

Height (ft.): 22

Diameter (in.): 22

NYTMN (km.): 4771.502 NYTME (km.): 479.336 Building: 1

Emission Point: 00012

Height (ft.): 16

Diameter (in.): 24

NYTMN (km.): 4771.497 NYTME (km.): 479.337 Building: 1

Emission Point: 00014

Height (ft.): 21

Diameter (in.): 18

NYTMN (km.): 4771.492 NYTME (km.): 479.339 Building: 1

Emission Point: 00015



Height (ft.): 21 Diameter (in.): 18  
NYTMN (km.): 4771.487 NYTME (km.): 479.342 Building: 1

Emission Point: 00016  
Height (ft.): 21 Diameter (in.): 18  
NYTMN (km.): 4771.505 NYTME (km.): 479.344 Building: 1

Emission Point: 00017  
Height (ft.): 21 Diameter (in.): 18  
NYTMN (km.): 4771.501 NYTME (km.): 479.346 Building: 1

Emission Point: 00018  
Height (ft.): 21 Diameter (in.): 18  
NYTMN (km.): 4771.496 NYTME (km.): 479.348 Building: 1

Emission Point: 00019  
Height (ft.): 21 Diameter (in.): 18  
NYTMN (km.): 4771.491 NYTME (km.): 479.35 Building: 1

Emission Point: 00020  
Height (ft.): 21 Diameter (in.): 18  
NYTMN (km.): 4771.483 NYTME (km.): 479.35 Building: 1

**Item 23.3:**

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

Emission Unit: 1-PLATE

Emission Point: 00002  
Height (ft.): 32 Length (in.): 19 Width (in.): 17  
NYTMN (km.): 4771.485 NYTME (km.): 479.318 Building: 1

Emission Point: 00004  
Height (ft.): 26 Diameter (in.): 12  
NYTMN (km.): 4771.489 NYTME (km.): 479.315 Building: 1

**Condition 24: Process Definition By Emission Unit  
Effective between the dates of 12/16/2014 and 12/15/2024**

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

**Item 24.1:**

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

Emission Unit: 1-BDIP1  
Process: DIP Source Classification Code: 4-01-003-98  
Process Description:

This is a bright dipping process. Metal parts are stripped in a series of sulfuric and nitric acid baths and then flushed in water rinse tanks. A fume hood positioned over these process tanks exhausts through a mist eliminator and then exclusively to EP00006, a roof stack.

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00011

Facility DEC ID: 6301600065



The mist eliminator is employed to remove acid droplets/particles from this airstream. Facility shall operate this control device in accordance with the Operation & Maintenance Plan (OMP), an addendum to this permit.

Emission Source/Control: BDIPK - Control  
Control Type: MIST ELIMINATOR

Emission Source/Control: BDIP1 - Process

**Item 24.2:**

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

Emission Unit: 1-COAT1

Process: PSB

Source Classification Code: 4-02-025-01

Process Description:

This process consists of a coating operation with nine paint spray booths. Paint is applied to metal parts within hooded spray booths. Each booth is individually exhausted to a designated roof stack and each has its own make-up air ductwork. Three booths are equipped with 4600 CFM exhaust each. Four booths are equipped with 2300 CFM exhaust each. All booths are subject to the General Requirements of 6NYCRR 228-1.3. HVLP spray guns are required.

Emission Source/Control: P2702 - Process  
Design Capacity: 4,750 cubic feet per minute

Emission Source/Control: P2703 - Process  
Design Capacity: 4,750 cubic feet per minute

Emission Source/Control: PB003 - Process  
Design Capacity: 4,600 cubic feet per minute

Emission Source/Control: PB004 - Process  
Design Capacity: 4,600 cubic feet per minute

Emission Source/Control: PB005 - Process  
Design Capacity: 4,600 cubic feet per minute

Emission Source/Control: PB006 - Process  
Design Capacity: 2,300 cubic feet per minute

Emission Source/Control: PB007 - Process  
Design Capacity: 2,300 cubic feet per minute

Emission Source/Control: PB008 - Process  
Design Capacity: 2,300 cubic feet per minute

Emission Source/Control: PB009 - Process



Design Capacity: 2,300 cubic feet per minute

**Item 24.3:**

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

Emission Unit: 1-PLATE

Process: ALD

Source Classification Code: 3-09-060-05

Process Description:

This process consists of an alodine metal treatment operation. This electroless corrosion-protection (chromate conversion) procedure treats metal parts in a series of chemical, acid and rinse tanks. Emissions from the main alodizing bath and certain steam-heated baths are collected by the central ventilation system (PLFAN)(EP00002). All other cold alodize-related baths vent directly to the room atmosphere. This process is regulated by 6NYCRR 212 and Source ALDN1 by 40 CFR 63 Subpart WWWWWW.

Emission Source/Control: ALDN1 - Process

Emission Source/Control: PLFAN - Process

Design Capacity: 890 cubic feet per minute

**Item 24.4:**

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

Emission Unit: 1-PLATE

Process: ANZ

Source Classification Code: 3-09-011-03

Process Description:

This process consists of a sulfuric (Type II) anodizing operation. This electrolytic anodizing process utilizes sulfuric acid bath to corrosion-protect aluminum parts. A 16% sulfuric acid/water bath and other warm/cold water rinses are involved. Emissions from the Chemopolish tank (part of anodize line) exhausts to EP00004. The main sulfuric anodizing tank as well as all other steam-heated rinses & etches are exhausted to the central ventilation system (Source: PLFAN)(EP00002). This process is regulated by 6NYCRR 212 and Source SEALR by 40 CFR 63 Subpart WWWWWW.

Emission Source/Control: ANDZ1 - Process

Emission Source/Control: CHEMO - Process

Emission Source/Control: PLFAN - Process

Design Capacity: 890 cubic feet per minute

Emission Source/Control: SEALR - Process

**Item 24.5:**



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

Emission Unit: 1-PLATE  
Process: BUF Source Classification Code: 3-09-003-04  
Process Description:  
This process consists of the buffing of various unplated metal parts/emblems on mechanical wheels. As these parts have NOT been previously plated, 40 CFR 63 Subpart WWWW does NOT apply. Facility is NOT currently permitted to buff electroplated surfaces.

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

Emission Source/Control: BUFRS - Process

Emission Source/Control: PLFAN - Process  
Design Capacity: 890 cubic feet per minute

**Item 24.6:**

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

Emission Unit: 1-PLATE  
Process: CHR Source Classification Code: 3-09-010-06  
Process Description:

This process consists of a decorative chromium electroplating operation. Hex-chromium is electroplated onto metal parts. Plating, etching & rinsing processes consist of a series of 12 tanks. Warm and cold water rinse tanks plus the nickel-plating tank are located before the chrome-plating tank, other water rinses follow. Emissions from the heated chrome plating tank are exhausted to the central ventilation system (PLFAN)(EP00002). Emissions from other chrome-related tanks are exhausted into the room atmosphere. Process is regulated by 40CFR63 Subpart N, UMP chooses to control HAPs (hex-chrome) with the application of a chemical fume suppressant/foam blanket to restrict the surface tension of the chromic acid bath. The selection of fume suppressant is determined by manufacturer's recommendation, which shall be applied at such a rate that will hold the surface tension to no more than 45 dynes/cm as measured by a stalagmometer.

Emission Source/Control: CHRM1 - Process

Emission Source/Control: PLFAN - Process  
Design Capacity: 890 cubic feet per minute

**Item 24.7:**

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

Emission Unit: 1-PLATE



Process: NKL

Source Classification Code: 3-04-010-99

Process Description:

This process consists of the operation of two nickel-plating tanks; a semi-bright tank and a bright tank, which are both electrolytic. The combination of both nickel layers becomes the underlayment for chrome plate. Emissions from these nickel-plating tanks are exhausted to (PLFAN) EP00002. This process is regulated by both 6NYCRR 212 and by 40 CFR 63 Subpart WWWW.

Emission Source/Control: NICK1 - Process

Emission Source/Control: NICK2 - Process

Emission Source/Control: PLFAN - Process

Design Capacity: 890 cubic feet per minute

