

New York State Department of Environmental Conservation
Facility DEC ID: 6301600065



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 6-3016-00065/00009
Effective Date: 05/04/2007 Expiration Date: 05/03/2012

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

Contact: ROBERT MOORE
UTICA METAL PRODUCTS INC
1526 LINCOLN AVENUE
UTICA, NY 13502
(315) 732-6163

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

Contact: ROBERT MOORE
UTICA METAL PRODUCTS INC
1526 LINCOLN AVENUE
UTICA, NY 13502
(315) 732-6163

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: BRIAN D FENLON
DIVISION OF ENVIRONMENTAL PERMITS
STATE OFFICE BLDG, 317 WASHINGTON ST
WATERTOWN, NY 13601-3787

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department
Relationship of this Permit to Other Department Orders and Determinations
Applications for permit renewals, modifications and transfers
Applications for Permit Renewals and Modifications
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 ******

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions

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: 6NYCRR 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:



New York State Department of Environmental Conservation
Facility DEC ID: 6301600065

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: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 4.1:

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 4.2:

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 4.3:

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

Item 5.1:

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

Item 6.1:

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;

New York State Department of Environmental Conservation
Facility DEC ID: 6301600065



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

Item 7.1:

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

Item 8.1:

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: 6-3016-00065/00009

Facility DEC ID: 6301600065

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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UTICA, NY 13502-5298

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Authorized Activity By Standard Industrial Classification Code:
3465 - AUTOMOTIVE STAMPINGS
3599 - MACHINERY EXC ELECTRICAL NEC

Permit Effective Date: 05/04/2007

Permit Expiration Date: 05/03/2012



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(c)(3): Compliance Certification
- 25 6NYCRR 201-6.5(g): Non Applicable requirements
- 26 6NYCRR 212.4(c): Compliance Certification
- 27 6NYCRR 212.6(a): Compliance Certification
- 28 6NYCRR 212.11(a): Sampling and Monitoring
- 29 6NYCRR 228.4: Compliance Certification

Emission Unit Level

- 30 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 31 6NYCRR 201-6: Process Definition By Emission Unit
- 32 6NYCRR 201-7.2: Emission Unit Permissible Emissions

EU=1-BDIP1,EP=00006

- 33 6NYCRR 212.4(a): Compliance Certification
- 34 6NYCRR 212.4(a): Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

EU=1-CLN01

- 35 40CFR 63.460(a), Subpart T: Applicability statement
- 36 40CFR 63.460(b), Subpart T: Part 63 General Provisions requirements
- 37 40CFR 63.463, Subpart T: Requirements for Freeboard Ratio of 1.0
- 38 40CFR 63.463(a), Subpart T: Batch vapor and in-line cleaning machine standards
- 39 40CFR 63.463(b)(1)(i), Subpart T: Compliance Certification
- 40 40CFR 63.463(d), Subpart T: Work practice standards for batch vapor degreasers
- 41 40CFR 63.463(e)(2)(ii), Subpart T: Compliance Certification
- 42 40CFR 63.463(e)(2)(v), Subpart T: Compliance Certification
- 43 40CFR 63.465(d), Subpart T: Dwell time determination
- 44 40CFR 63.465(e), Subpart T: PTE determination
- 45 40CFR 63.466(d)(1), Subpart T: Compliance Certification
- 46 40CFR 63.466(d)(1)(ii), Subpart T: Compliance Certification
- 47 40CFR 63.467(a), Subpart T: Compliance Certification
- 48 40CFR 63.467(b), Subpart T: Compliance Certification
- 49 40CFR 63.467(c), Subpart T: Recordkeeping
- 50 40CFR 63.468(d), Subpart T: Initial statement of compliance for new batch vapor and in-line machines
- 51 40CFR 63.468(f), Subpart T: Compliance Certification
- 52 40CFR 63.468(g), Subpart T: Compliance Certification
- 53 40CFR 63.468(h), Subpart T: Compliance Certification
- 54 40CFR 63.468(i), Subpart T: Reduction in submission frequency of exceedance report

EU=1-COAT1

- *55 6NYCRR 201-7.2: Capping Monitoring Condition

EU=1-PLATE,Proc=CHR

- 56 40CFR 63.340(b), Subpart N: Part 63 General Provisions requirements
- 57 40CFR 63.342(d)(2), Subpart N: Compliance Certification
- 58 40CFR 63.342(f), Subpart N: Compliance Certification
- 59 40CFR 63.342(g), Subpart N: Compliance with emission standard
- 60 40CFR 63.343(c)(5), Subpart N: Compliance Certification
- 61 40CFR 63.346(a), Subpart N: Compliance Certification
- 62 40CFR 63.346(b), Subpart N: Compliance Certification
- 63 40CFR 63.346(c), Subpart N: Compliance Certification
- 64 40CFR 63.347(a), Subpart N: Reporting Requirements
- 65 40CFR 63.347(e)(2), Subpart N: Required content for notification of compliance status
- 66 40CFR 63.347(g)(3), Subpart N: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 67 ECL 19-0301: Contaminant List
- 68 6NYCRR 201-1.4: Unavoidable noncompliance and violations



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

- 69 6NYCRR 211.2: Air pollution prohibited
- 70 6NYCRR 211.2: Compliance Demonstration
- 71 6NYCRR 221.2: Asbestos containing surface coatings prohibited

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Emergency Defense - 6NYCRR Part 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 B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V 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.

Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

This permit does not convey any property rights of any sort or any exclusive privilege.

Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

This Title V permit shall be reopened and revised under any of the following circumstances:

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

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.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 200.6

Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(7)

Item 2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

Condition 3: Recordkeeping and reporting of compliance monitoring

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(c)

Item 3.1:

The following information must be included in any required compliance monitoring records and reports:

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(2)

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)(ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.



(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. 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. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

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 7/30/2007.

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

Condition 6: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(e)

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



Compliance certifications shall contain the following information:

- the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;
- and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

Compliance certifications shall be submitted annually. Certification reports are due 30 days after the end of the calendar year.

All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

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

The address for the RAPCE is as follows:

State Office Building
317 Washington Street
Watertown, NY 13601-3787

The address for the BCME is as follows:

NYSDEC



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Bureau of Compliance Monitoring
and Enforcement
50 Wolf Road
Albany, NY 12233-3258

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 1/30/2008.

Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April
15th each year for emissions of the previous calendar
year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 8.1:

(a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

upon request during normal business hours.

Condition 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 215

Item 9.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, refuse, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT
TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 200.7

Item 10.1:

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 11: Recycling and Salvage
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-1.8



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-3.2(a)

Item 13.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. 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 this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-3.3(a)

Item 14.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. 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 this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(4)

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



Condition 16: General Condition - Right to Inspect
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(8)

Item 16.1:

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(d)(5)

Item 17.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(f)(6)

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 19: Required Emissions Tests
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 19.1:

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. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 211.3

Item 20.1:

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

Condition 21: Accidental release provisions.
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 68

Item 21.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 22.1:

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

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 23: Emission Unit Definition
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 23.1:

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

Emission Unit: 1-BDIP1

Emission Unit Description:

This emission unit consists of a bright dipping process. Metal parts are stripped with sulfuric and nitric acid in a series of tanks. A fume hood collects and exhausts acid emissions through a mist eliminator to EP00006, a roof

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



vent.

Building(s): 1

Item 23.2:

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

Emission Unit: 1-CLN01

Emission Unit Description:

Metal parts cleaning operations. An Open Top Vapor Degreaser (Batch) that utilizes trichloroethylene is used for parts cleaning. This unit is not exhausted through a stack and there is no emission point associated with this emission unit. Any emissions are released within the facility during parts transfer and are accounted for in the facility emission summary.

Building(s): 1

Item 23.3:

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

Emission Unit: 1-COAT1

Emission Unit Description:

Metal parts surface coating operations. 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). Coatings may or may not be Part 228-compliant per VOC RACT Variance. VOC emissions are capped at 9.9 tons/yr on a 12-month rolling total basis.

Building(s): 1

Item 23.4:

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 and sulfuric (Type II) anodizing processes. Chromium electroplating is performed in chromic acid. Sulfuric anodizing is electrolytic and is performed in a 16% solution of sulfuric acid. Alodizing is not electrolytic. Various fume hoods exhaust various tanks to the central ventilation system (PLFAN) (EP00002). Chemopolish (part of anodize line) tank exhausts to EP00004. This emission unit contains the Processes CHR, PLT, ALD & ANZ.



Building(s): 1

Condition 24: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

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 7/30/2007.

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

Condition 25: Non Applicable requirements
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(g)

Item 25.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

Condition 26: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 26.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-BDIP1 Emission Point: 00006

Emission Unit: 1-PLATE Emission Point: 00002

Emission Unit: 1-PLATE Emission Point: 00004

Item 26.2:

Compliance Certification 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



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

If this condition appears in a Title V permit, and the Department has not otherwise directed the permittee to conduct a stack test, compliance with the 0.050 grains/dscf particulate emission standard will be determined by the permittee's observation of the outlet of the emission source to determine whether or not visible emissions are present following the guidelines similar to EPA Method 22. Visible emissions will not include those due to water vapor that is present in the exhaust gas. Observations must be made once per day while operations are taking place. These observations must be recorded in a log book, and be made available to the Department on request. If visible emissions are observed for two consecutive days, a Method 9 visible emissions test must be conducted by a certified observer. If the Method 9 test determines that the opacity is less than 20%, observations of the stack in question shall be used to determine that the opacity of these emissions remain less than 20%.

The semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations as well as instances in which visible emissions were observed or in which observations could not be made due to weather conditions.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Observation of Visible Emissions (not RM 9)
Monitoring Frequency: DAILY
Averaging Method: 6-MINUTE AVERAGE (METHOD 22)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 27.1:



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-BDIP1 Emission Point: 00006

Emission Unit: 1-PLATE Emission Point: 00002

Emission Unit: 1-PLATE Emission Point: 00004

Item 27.2:

Compliance Certification 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 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. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions whenever a process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 28: Sampling and Monitoring

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 212.11(a)

Item 28.1:

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



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Condition 29: Compliance Certification

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 228.4

Item 29.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification 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

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee will conduct observations of visible emissions from the facility daily while the process is in operation. The permittee will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from a process source.

If visible emissions above those that are normal and in compliance with section 228.4 are detected (this may be zero percent opacity for many or all emission sources), the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected. If the permittee expects the excess visible emissions to occur in excess of



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

1 hour after discovery, the Department will be notified immediately.

If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify The Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

If the opacity is determined to exceed the limits of section 228.4, the facility will be determined to be in violation, the permittee will remedy the problem, and will contact the Department. The provisions of Part 201-1.4 shall apply.

The semiannual monitoring report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations.

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 7/30/2007.

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

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

Condition 30: Emission Point Definition By Emission Unit
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 30.1:

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.): 4774.9

NYTME (km.): 478.8

Building: 1

Item 30.2:

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



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Emission Unit: 1-COAT1

Emission Point: 00011

Height (ft.): 22 Diameter (in.): 22
NYTMN (km.): 4774.9 NYTME (km.): 478.8 Building: 1

Emission Point: 00012

Height (ft.): 16 Diameter (in.): 24
NYTMN (km.): 4774.9 NYTME (km.): 478.8 Building: 1

Emission Point: 00014

Height (ft.): 21 Diameter (in.): 18
NYTMN (km.): 4774.9 NYTME (km.): 478.8 Building: 1

Emission Point: 00015

Height (ft.): 21 Diameter (in.): 18
NYTMN (km.): 4774.9 NYTME (km.): 478.8 Building: 1

Emission Point: 00016

Height (ft.): 21 Diameter (in.): 18
NYTMN (km.): 4774.9 NYTME (km.): 478.8 Building: 1

Emission Point: 00017

Height (ft.): 21 Diameter (in.): 18
NYTMN (km.): 4774.9 NYTME (km.): 478.8 Building: 1

Emission Point: 00018

Height (ft.): 21 Diameter (in.): 18
NYTMN (km.): 4774.9 NYTME (km.): 478.8 Building: 1

Emission Point: 00019

Height (ft.): 21 Diameter (in.): 18
NYTMN (km.): 4770.423 NYTME (km.): 479.232 Building: 1

Emission Point: 00020

Height (ft.): 21 Diameter (in.): 18
NYTMN (km.): 4770.423 NYTME (km.): 479.232 Building: 1

Item 30.3:

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.): 4774.9 NYTME (km.): 478.8 Building: 1



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Emission Point: 00004

Height (ft.): 26

Diameter (in.): 12

NYTMN (km.): 4774.9

NYTME (km.): 478.8

Building: 1

**Condition 31: Process Definition By Emission Unit
Effective between the dates of 05/04/2007 and 05/03/2012**

Applicable Federal Requirement: 6NYCRR 201-6

Item 31.1:

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:

A bright dipping process. Metal parts are stripped in a series of sulfuric and nitric acid baths and water rinse tanks. A fume hood positioned over these process tanks exhausts through a mist eliminator and then exclusively to EP00006, a roof stack. The mist eliminator is 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 31.2:

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

Emission Unit: 1-CLN01

Process: VAP

Source Classification Code: 4-01-002-05

Process Description:

A metal parts cleaning process. An Open Top Vapor Degreaser (Batch) utilizing trichloroethylene cleans production parts. Solvent/air interface is 1260 square inches, freeboard ratio is 1 and unit has an idling/downtime cover. Heater is electric, cooled with a cold water line, there is no carbon adsorber. Emissions are released within the facility, unit is not vented to the building exterior, therefore there is no emission point associated with this emission unit.

Open surface area is less than 11 square feet, and



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

therefore is exempt from Part 226. Unit is subject to Part 212 and 40CFR63 Subpart T, UMP chooses 'equipment standard' 40CFR63.463 compliance with Option 8 in Table 1 (reduced room draft, dwell, freeboard ratio = 1). PTE emissions are estimated and accounted for in the facility emissions summary. Actual trichloroethylene usage is monitored and recorded for calculation of actual emissions. Degreaser is classified as 'existing', as its installation pre-dates 11/29/93.

Emission Source/Control: VAP01 - Process

Item 31.3:

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:

A bench-top paint spray booth process, totaling seven booths. Paint is applied to metal parts within hooded spray booths. Each booth is individually exhausted to a designated roof stack and each has it's 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 6NYCRR 228.

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



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Item 31.4:

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

Emission Unit: 1-COAT1

Process: WPB

Source Classification Code: 4-02-025-01

Process Description:

A walk-in paint booth process. Metal parts are spray-painted in two walk-in spray booths. Booths are equipped with 4750 CFM exhaust each, and each is individually vented to a designated stack and each booth has make-up air ductwork.

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

Item 31.5:

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:

An alodine metal treatment process. This electroless corrosion-protection process 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.

Emission Source/Control: ALDN1 - Process

Emission Source/Control: PLFAN - Process

Design Capacity: 890 cubic feet per minute

Item 31.6:

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:

A sulfuric (Type II) anodizing process. 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



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

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 (PLFAN)(EP00002).

Emission Source/Control: ANDZ1 - Process

Emission Source/Control: CHEMO - Process

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

Item 31.7:

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:

A decorative chromium electroplating process. 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 fume suppressant in use is "Zero-Mist Liquid R", 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 31.8:

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

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



Process Description:

A nickel-plating process. Nickel is electrolessly plated onto metal parts. Nickel is an underlayer for chrome, and therefore precedes the chrome-plate tank. Emissions from the nickel-plating tank are exhausted to (PLFAN) EP00002. This process is regulated by 6NYCRR 212.

Emission Source/Control: NICK1 - Process

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

Condition 32: Emission Unit Permissible Emissions
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 32.1:

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

Emission Unit: 1-COAT1

CAS No: 0NY998-00-0

Name: VOC

PTE(s): 26.68 pounds per hour

Condition 33: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 33.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BDIP1 Emission Point: 00006

Regulated Contaminant(s):

CAS No: 007664-93-9 SULFURIC ACID

CAS No: 007697-37-2 NITRIC ACID

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Per the 2006 O&M Plan, Utica Metal Products is required

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



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

Manufacturer Name/Model Number: Mapco Mist Eliminator (3000 cfm, vertical mount, single stage)

Reference Test Method: Follow O&M Plan

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 34: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 34.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BDIP1 Emission Point: 00006

Regulated Contaminant(s):

CAS No: 007664-93-9 SULFURIC ACID



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

CAS No: 007697-37-2 NITRIC ACID

Item 34.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Monitor and record pressure drop across the Mapco mist eliminator once per week. Observe differential pressure readings as units of 'inches of water' from the installed Magnehelic Gauge. Investigate high or low exceedences and take appropriate corrective actions and/or emission unit shutdown. Submit six month pressure-drop log semi-annually to NYSDEC.

Manufacturer Name/Model Number: Mapco Mist Eliminator MW-400

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 1 inches of water

Upper Permit Limit: 3.5 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 7/30/2007.

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

Condition 35: Applicability statement

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.460(a), Subpart T

Item 35.1:

This Condition applies to Emission Unit: 1-CLN01

Item 35.2:

The provisions of this subpart apply to each individual batch vapor, in-line vapor, in-line cold, and batch cold solvent cleaning machine that uses any solvent containing methylene chloride (CAS No. 75-09-2), perchloroethylene (CAS No. 127-18-4), trichloroethylene (CAS No. 79-01-6), 1,1,1-trichloroethane (CAS No. 71-55-6), carbon tetrachloride (CAS No. 56-23-5) or chloroform (CAS No. 67-66-3), or any combination of these HAP solvents, in a total concentration greater than 5 percent by weight, as a cleaning and/or drying agent. The concentration of these solvents may be determined using EPA test method 18, material safety data sheets, or engineering calculations. Wipe cleaning activities, such as using a rag containing halogenated solvent or a spray cleaner containing halogenated solvent are not covered under the provisions of this subpart.



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Condition 36: Part 63 General Provisions requirements
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.460(b), Subpart T

Item 36.1:

This Condition applies to Emission Unit: 1-CLN01

Item 36.2:

Owners or operators of affected sources subject to 40CFR63 Subpart T must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Appendix B of Subpart T. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 37: Requirements for Freeboard Ratio of 1.0
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.463, Subpart T

Item 37.1:

This Condition applies to Emission Unit: 1-CLN01

Item 37.2:

An operator of a machine using a freeboard ratio equal to 1.0 must perform the following, as required by 40CFR63, sections 463, 466 and 467:

1. Ensure and obtain certification from the manufacturer that the freeboard height is greater than or equal to the width of the interior freeboard.
2. Record any changes to the actual freeboard ratio of the machine.
3. Record any modifications to the freeboard ratio of the machine.

Condition 38: Batch vapor and in-line cleaning machine standards
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.463(a), Subpart T

Item 38.1:

This Condition applies to Emission Unit: 1-CLN01

Item 38.2:

Except as provided in §63.464 for all cleaning machines, each owner or operator of a solvent cleaning machine subject to the provisions of this subpart shall ensure that each existing or new batch vapor or in-line solvent cleaning machine subject to the provisions of this subpart conforms to the design requirements specified in paragraphs (1) through (7) below.

- (1) Each cleaning machine shall be designed or operated to meet the control equipment or technique



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

requirements in paragraph (i) or (ii) below.

(i) An idling and downtime mode cover, as described in §63.463(d)(1)(i), that may be readily opened or closed, that completely covers the cleaning machine openings when in place, and is free of cracks, holes, and other defects.

(ii) A reduced room draft as described in §63.463(e)(2)(ii).

(2) Each cleaning machine shall have a freeboard ratio of 0.75 or greater.

(3) Each cleaning machine shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts.

(4) Each vapor cleaning machine shall be equipped with a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils. This requirement does not apply to a vapor cleaning machine that uses steam to heat the solvent.

(5) Each vapor cleaning machine shall be equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.

(6) Each vapor cleaning machine shall have a primary condenser.

(7) Each cleaning machine that uses a lip exhaust shall be designed and operated to route all collected solvent vapors through a properly operated and maintained carbon adsorber that meets the requirements of §63.463(e)(2)(vii).

Condition 39: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.463(b)(1)(i), Subpart T

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each batch vapor cleaning machine with a solvent/air



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

interface area of 1.21 sq. meters (13 sq. ft.) or less shall employ one of the options listed in Table 1 of §63.463.

If the facility chooses option 8, then the facility is employing the combination of reduced room draft, dwell, and a freeboard ratio of 1.0.

The reduced room draft must be monitored according to the provisions listed in §63.463(e)(2)(ii). The dwell must be monitored according to the provisions in §63.463(e)(2)(v).

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 7/30/2007.

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

**Condition 40: Work practice standards for batch vapor degreasers
Effective between the dates of 05/04/2007 and 05/03/2012**

Applicable Federal Requirement: 40CFR 63.463(d), Subpart T

Item 40.1:

This Condition applies to Emission Unit: 1-CLN01

Item 40.2:

Each owner/operator of a new or existing batch vapor solvent cleaning machine shall meet each of the following work and operational practices:

1. Air disturbances across the cleaning machine shall be controlled by either using an idling mode cover or reduced room draft.
2. The parts baskets or the parts being cleaned in an open-top batch vapor cleaning machine shall not occupy more than 50% of the solvent/air interface area unless the parts are introduced at a speed of 3 feet per minute or less.
3. All spraying operations are to be done within the vapor zone.
4. Orient parts so that solvent drains freely from them. Parts with holes shall be tipped or rotated before being removed.
5. Parts or parts baskets are not to be removed until dripping has stopped.
6. During startup of vapor machines, the primary condenser shall be turned on before the sump heater.

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



7. During shutdown of vapor machines, the sump heater shall be turned off before the primary condenser.
8. Solvent shall be transferred to and from machines using leakproof couplings and submerged filling.
9. Equipment shall be operated per manufacturer's specifications.
10. Each operator shall be able to pass the applicable sections of the test of solvent cleaning operating procedures in Appendix A of this subpart.
11. Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers.
12. Sponges, fabric, wood and paper products are not to be cleaned.

Condition 41: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.463(e)(2)(ii), Subpart T

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 41.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

If reduced room draft is used to comply with the requirements of Subpart T, the owner/operator shall:

1) Ensure that the flow or movement of air across the top of the freeboard area of the solvent cleaning machine or within the solvent cleaning machine enclosure does not exceed 15.2 meters per minute (50 ft/min) at any time as measured using the procedures in 40CFR63.466(d). An exceedance has occurred if this requirement is not met and is not corrected within 15 days. The air flow must be remeasured immediately upon repair and demonstrated to not exceed 15.2 meters per minute.

2) Establish and maintain the operating conditions under



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

which the wind speed was demonstrated to be 50 feet per minute or less as described in 40CFR63.466(d). An exceedance has occurred if this requirement is not met at any time.

Any owner/operator of a solvent cleaning machine who controls room parameters in order to use reduced room draft to comply with the equipment standards in 40CFR63.463 shall conduct and record the results of the following monitoring procedure:

1. The owner or operator shall conduct an initial monitoring test of windspeed and of room parameters.
2. The owner or operator shall subsequently conduct quarterly monitoring of windspeed, and weekly monitoring of room parameters, as specified in 40CFR63.466(d)(1).

If the owner/operator uses a full or partial enclosure to use reduced room draft to comply with the equipment standards in 40CFR63.463, the owner/operator shall conduct an initial monitoring test, monthly visual inspections of the enclosure to determine if it is free of holes, cracks, and other defects. The owner/operator shall also perform monthly monitoring tests of the windspeed within the enclosure using the procedure listed in 40CFR63.466(d)(2)(i) and (ii).

Parameter Monitored: AIR FLOW

Upper Permit Limit: 15.2 meters per minute

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 42: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.463(e)(2)(v), Subpart T

Item 42.1:



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If a dwell is used to comply with the requirements in Subpart T, the owner/operator shall:

1) Determine the appropriate dwell time for each the of part or parts basket, or determine the maximum dwell time using the most complex part type or parts basket, as described in 40CFR63.465(d).

2) Ensure that, after cleaning, each part is held in the solvent cleaning machine freeboard area above the vapor zone for the dwell time determined for that particular part or parts basket, or for the maximum dwell time determined using the most complex parts type or basket.

On a monthly basis, the owner/operator shall determine the actual dwell time by measuring the period of time that parts are held within the freeboard area of the solvent cleaning machine after cleaning.

The owner/operator shall also maintain records of the tests required in 40CFR63.465(d) to determine the appropriate dwell time for each part or parts basket. These records shall be maintained in written or electronic form for the lifetime of the machine.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 43: Dwell time determination

Effective between the dates of 05/04/2007 and 05/03/2012



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Applicable Federal Requirement: 40CFR 63.465(d), Subpart T

Item 43.1:

This Condition applies to Emission Unit: 1-CLN01

Item 43.2:

Each owner or operator of a batch vapor or in-line solvent cleaning machine using a dwell to comply with §63.463 shall determine the appropriate dwell time for each part or parts basket using the procedure specified in paragraphs (d)(1) and (d)(2) of this section.

(1) Determine the amount of time for the part or parts basket to cease dripping once placed in the vapor zone. The part or parts basket used for this determination must be at room temperature before being placed in the vapor zone.

(2) The proper dwell time for parts to remain in the freeboard area above the vapor zone is no less than 35 percent of the time determined in paragraph (d)(1) of this section.

Condition 44: PTE determination

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.465(e), Subpart T

Item 44.1:

This Condition applies to Emission Unit: 1-CLN01

Item 44.2:

An owner or operator of a source shall determine their potential to emit from all solvent cleaning operations, using the procedures described in paragraphs (1) through (3) of this condition. A facility's total potential to emit is the sum of the HAP emissions from all solvent cleaning operations, plus all HAP emissions from other sources within the facility.

(1) Determine the potential to emit for each individual solvent cleaning using Equation 6.

$$PTE_i = (H_i)(W_i)(SAI_i) \quad (\text{Eq. 6})$$

Where:

PTE_i = the potential to emit for solvent cleaning machine i (kilograms of solvent per year).

H_i = hours of operation for solvent cleaning machine i (hours per year).

= 8760 hours per year, unless otherwise restricted by a Federally enforceable requirement.

W_i = the working mode uncontrolled emission rate (kilograms per square meter per hour).

= 1.95 kilograms per square meter per hour for batch vapor and cold cleaning machines.

= 1.12 kilograms per square meter per hour for in-line cleaning machines.

SAI_i = solvent/air interface area of solvent cleaning machine i (square meters). 40CFR 63.46 defines the solvent/air interface area for those machines that have a solvent/air interface. Cleaning machines that do not have a solvent/air interface shall calculate a solvent/air interface area using the procedure in paragraph (2) of this condition.

(2) Cleaning machines that do not have a solvent/air interface shall calculate a solvent/air interface area using Equation 7.



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

$$\text{SAI} = (2.20)(\text{Vol})^{\text{exp}(0.6)} \quad (\text{Eq. 7})$$

Where:

SAI = the solvent/air interface area (square meters).

Vol = the cleaning capacity of the solvent cleaning machine (cubic meters).

(3) Sum the PTE_i for all solvent cleaning operations to obtain the total potential to emit for solvent cleaning operations at the facility.

Condition 45: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.466(d)(1), Subpart T

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01

Item 45.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Any owner or operator of a solvent cleaning machine who controls room parameters in order to use "reduced room draft" to comply with the equipment standards in 40CFR63.463 shall conduct and record the results of the following monitoring procedure:

1. The owner or operator shall conduct an initial monitoring test of windspeed and of room parameters.
2. The owner or operator shall subsequently conduct quarterly monitoring of windspeed, and weekly monitoring of room parameters, as specified in 40CFR63.466(d)(1).

Parameter Monitored: AIR FLOW

Upper Permit Limit: 15.2 meters per minute

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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 7/30/2007.



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

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

Condition 46: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.466(d)(1)(ii), Subpart T

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except as provided in §63.466(g), each owner or operator of a batch vapor or in-line solvent cleaning machine complying with the equipment standards in §63.463 (b)(1)(i), (b)(2)(i), (c)(1)(i), or (c)(2)(i) using a reduced room draft shall conduct monitoring and record the results as specified in paragraph (1) below.

(1) If the reduced room draft is maintained by controlling room parameters (i.e., redirecting fans, closing doors and windows, etc.), the owner or operator shall conduct weekly monitoring of room parameters established during the initial compliance test that are used to achieve the reduced room draft.

Monitoring Frequency: WEEKLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 47: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.467(a), Subpart T

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a batch vapor or in-line solvent cleaning machine complying with the provisions in 63.463 shall maintain the following records for the lifetime of the machine:

- 1) Owner's manuals, or if not available, written maintenance and operating procedures for the solvent cleaning machine and control equipment.
- 2) The date of installation for the solvent cleaning machine and all of its control devices. If the exact date for installation is not known, a letter certifying that the machine and control devices were installed prior to November 29, 1993 will suffice.
- 3) Records of the halogenated HAP solvent content for each solvent used in a solvent cleaning machine subject to Subpart T.

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 7/30/2007.

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

Condition 48: Compliance Certification

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.467(b), Subpart T

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a batch vapor or in-line solvent cleaning machine complying with 63.463 shall maintain the following records for a period of five years.

- 1) The results of control device monitoring required under 63.466
- 2) Information on the actions taken to comply with 63.463(e) and (f) including records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.
- 3) Estimates of annual solvent consumption for each solvent cleaning machine.
- 4) If a carbon adsorber is used, records of the date and results of the weekly measurement of the halogenated HAP solvent concentration in the carbon adsorber exhaust required in 63.466(e).

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 7/30/2007.

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

Condition 49: Recordkeeping

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.467(c), Subpart T

Item 49.1:

This Condition applies to Emission Unit: 1-CLN01

Item 49.1:

(this space used for Emission Unit)

Item 49.2: Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with the provisions of §63.464 shall maintain records specified in paragraphs (1) through (3) of this condition



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

either in electronic or written form for a period of 5 years.

- (1) The dates and amounts of solvent that are added to the solvent cleaning machine.
- (2) The solvent composition of wastes removed from cleaning machines as determined using the procedure described in §63.465(c)(2).
- (3) Calculation sheets showing how monthly emissions and the rolling 3-month average emissions from the solvent cleaning machine were determined, and the results of all calculations.

Condition 50: Initial statement of compliance for new batch vapor and in-line machines
Effective between the dates of 05/04/2007 and 05/03/2012

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

Item 50.1:

This Condition applies to Emission Unit: 1-CLN01

Item 50.2:

Each owner/operator of a batch vapor or in-line machine complying with 40CFR63.463 shall submit an initial statement of compliance for each solvent cleaning machine no later than 150 days after startup. This statement shall include the following:

- 1) The name and address of the owner/operator.
- 2) The physical location of the solvent cleaning machine(s).
- 3) A list of the control equipment used to achieve compliance for each solvent cleaning machine.
- 4) For each piece of control equipment required to be monitored, a list of the parameters that are monitored and the values of these parameters measured on or during the first month after the compliance date.
- 5) Conditions to maintain the wind speed requirements of 40CFR63.463(e)(2)(ii), if applicable.
- 6) If the solvent cleaning machine is complying with the idling emission standards, this statement shall include a test report for tests of idling emissions meeting the specifications of Method 307. The report shall comply with the requirements listed in 40CFR63.468(d)(6)(i) through (iv).

Condition 51: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

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

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 51.2:



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a batch vapor or in-line solvent cleaning machine complying with 63.463 shall submit an annual report by February 1 of the year following the one for which the reporting is being made. The report shall include the following:

- 1) A signed statement from the facility owner or the designee stating that "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 63.463(d)(10)"
- 2) An estimate of solvent consumption for each solvent cleaning machine during the reporting period.

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 7/30/2007.

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

Condition 52: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

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

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a batch vapor or in-line solvent cleaning machine complying with the provisions of



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

§63.464 shall submit a solvent emission report every year. This solvent emission report shall contain the requirements specified in paragraphs (1) through (3) of this condition.

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

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

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 53: Compliance Certification

Effective between the dates of 05/04/2007 and 05/03/2012

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

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-CLN01

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



report shall include the applicable information in paragraphs (1) through (3) of this condition.

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 54: Reduction in submission frequency of exceedance report
Effective between the dates of 05/04/2007 and 05/03/2012**

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

Item 54.1:

This Condition applies to Emission Unit: 1-CLN01

Item 54.2: An owner or operator who is required to submit an exceedance report on a quarterly (or more frequent) basis may reduce the frequency of reporting to semiannual if the conditions in paragraphs (1) through (3) of this condition are met.

(1) The source has demonstrated a full year of compliance without an exceedance.

(2) The owner or operator continues to comply with all relevant recordkeeping and monitoring requirements specified in 40CFR 63, Subpart A (General Provisions) and in 40CFR 63, Subpart T.

(3) The Administrator does not object to a reduced frequency of reporting for the affected source as provided in 40CFR 63.10(e)(3)(iii).

**Condition 55: Capping Monitoring Condition
Effective between the dates of 05/04/2007 and 05/03/2012**

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 55.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

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:

6NYCRR 228.3(e)

Item 55.2:

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

Item 55.3:

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 55.4:

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 55.5:

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 55.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-COAT1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 55.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Utica Metal Products (UMP) shall ensure that emissions of Volatile Organic Compounds (VOC) do not exceed 9.9 tons during any 12-month period.

UMP has submitted (March 2006) and has attained NYSDEC

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



approval for a VOC RACT Variance. The variance enables UMP to apply coatings in Emission Unit 1-COAT1 that are non-compliant with 6NYCRR 228.7 Table 1 "Coating Lines for Misc Metal Parts and Products". UMP contends that the available control device options are not economically feasible. The variance has a five-year life that parallels the term of this Title V Permit. Per the basis of this variance, UMP elects to limit VOC emissions from coating operations not to exceed 9.9 tons per year calculated on a 12-month rolling total basis.

A monthly log of coating and solvent consumption shall be maintained. The log shall reference line-by-line the product name, ID code (if any), manufacturer, monthly volumetric or gravimetric usage, coating density (if involved), specific gravity (if involved), a breakout of individual VOCs and HAPs and their percentages by weight (*), and a summary of VOC and HAP emissions. Calculation of a 12-month rolling total of VOC and HAP shall be developed from the monthly log. These records shall be kept for five years. Semi-annually, UMP shall submit this NYSDEC-approvable log as specifically: "EU 1-COAT1: Coating/Solvent Usage, VOC/HAP Emission Report".

Any exceedence of the 9.9 ton/yr VOC limit must be reported to NYSDEC Region 6 within 30 days of occurrence.

(*) If MSDS clearly provides the aggregated VOC content of a coating or solvent (i.e. pounds of VOC per gallon of coating), then such an entry shall suffice. An up-to-date MSDS shall be available upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: COATING
Parameter Monitored: VOC
Upper Permit Limit: 9.9 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL TOTAL ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

**Condition 56: Part 63 General Provisions requirements
Effective between the dates of 05/04/2007 and 05/03/2012**

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



Applicable Federal Requirement: 40CFR 63.340(b), Subpart N

Item 56.1:

This Condition applies to Emission Unit: 1-PLATE
Process: CHR

Item 56.2:

Owners or operators of affected sources subject to 40CFR63 Subpart N must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Table 1 of Subpart N. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 57: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.342(d)(2), Subpart N

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PLATE
Process: CHR

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

Item 57.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

If a chemical fume suppressant containing a wetting agent is used, by not allowing the surface tension of the electroplating or anodizing bath contained within the affected source to exceed 45 dynes per centimeter at any time during operation of the tank.

Parameter Monitored: SURFACE TENSION
Upper Permit Limit: 45.0 dynes per centimeter
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

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

Condition 58: Compliance Certification

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.342(f), Subpart N

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PLATE

Process: CHR

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owner/operator is subject to the following work practice standards:

- 1) The owner/operator shall operate and maintain any affected source in a manner consistent with good air pollution control practices at all times (including during startups, shutdowns, and malfunctions). Malfunctions shall be corrected as soon as practicable. Operation and maintenance requirements established under section 112 of the Act are enforceable independent of emissions limitations or other requirements in relevant standards.
- 2) Determination of whether the operation and maintenance procedures are acceptable will be based on information available to the Administrator which may include, but is not limited to, monitoring results; review of the operation and maintenance plan, procedures, and records; and inspection of the source. Based on the results of this determination, the Administrator may require that the operation and maintenance plan be revised. Revisions may be required if it is found that the plan does not 1) address a malfunction that has occurred, 2) provide for the operation of the affected source, the air pollution control techniques, or the control system and process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices, or 3) provide adequate procedures for correcting malfunctioning process equipment, air pollution control

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



techniques, or monitoring equipment as quickly as practicable.

3) Owner/operator shall prepare an operation and maintenance (O/M) plan to be implemented no later than the compliance date. The plan shall be incorporated by reference into the source's title V permit, if and when a title V permit is required. The plan shall include the information found in 40CFR63.342(f)(3)(i)(A) through (E).

If the O/M plan fails to address an event that meets the characteristics of a malfunction at the time the plan is initially developed, the owner/operator shall revise the O/M plan within 45 days to include procedures for operating and maintaining the process equipment, add-on air pollution control device, or monitoring equipment during similar malfunctions, and a program for corrective actions for such events.

If actions taken by the owner/operator during periods of malfunction are inconsistent with the O/M plan, the actions taken shall be recorded and reported by phone within 2 working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within 7 working days after the end of the event.

The owner/operator shall keep the written O/M plan on record to be available for inspection, upon request, by the Administrator until the source is no longer subject to Subpart N. In addition, if the O/M plan is revised, previous versions shall be kept available for inspection for a period of 5 years.

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 7/30/2007.

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

**Condition 59: Compliance with emission standard
Effective between the dates of 05/04/2007 and 05/03/2012**

Applicable Federal Requirement: 40CFR 63.342(g), Subpart N



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

Item 59.1:

This Condition applies to Emission Unit: 1-PLATE
Process: CHR

Item 59.2:

The standards of 40CFR63 Subpart N that apply to chromic acid baths shall not be met by using a reducing agent to change the form of chromium from hexavalent to trivalent.

Condition 60: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.343(c)(5), Subpart N

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PLATE
Process: CHR

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

Item 60.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

During the initial performance test, the owner or operator of an affected source complying with the emission limitations in §63.342 through the use of a wetting agent in the electroplating or anodizing bath shall determine the outlet chromium concentration using the procedures in §63.344(c).

The owner or operator shall establish as the site-specific operating parameter the surface tension of the bath using Method 306B, appendix A of Part 63, setting the maximum value that corresponds to compliance with the applicable emission limitation.

In lieu of establishing the maximum surface tension during the performance test, the owner or operator may accept 45 dynes/cm as the maximum surface tension value that corresponds to compliance with the applicable emission limitation. However, the owner or operator is exempt from conducting a performance test only if the criteria of



paragraph (b)(2) of Section 63.343 are met.

On and after the date on which the initial performance test is required to be completed under §63.7, the owner or operator of an affected source shall monitor the surface tension of the electroplating or anodizing bath. Operation of the affected source at a surface tension greater than the value established during the performance test, or greater than 45 dynes/cm if the owner or operator is using this value in accordance with paragraph (c)(5)(i) of section 63.343, shall constitute noncompliance with the standards.

The surface tension shall be monitored according to the following schedule:

(A) The surface tension shall be measured once every 4 hours during operation of the tank with a stalagmometer or a tensiometer as specified in Method 306B, appendix A of Part 63.

(B) The time between monitoring can be increased if there have been no exceedances. The surface tension shall be measured once every 4 hours of tank operation for the first 40 hours of tank operation after the compliance date. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 8 hours of tank operation. Once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 40 hours of tank operation on an ongoing basis, until an exceedance occurs.

The minimum frequency of monitoring allowed by Subpart N is once every 40 hours of tank operation.

(C) Once an exceedance occurs as indicated through surface tension monitoring, the original monitoring schedule of once every 4 hours must be resumed. A subsequent decrease in frequency shall follow the schedule laid out in paragraph (c)(5)(ii)(B) of section 63.343.

Once a bath solution is drained from the affected tank and a new solution added, the original monitoring schedule of once every 4 hours must be resumed, with a decrease in monitoring frequency allowed following the procedures of paragraphs (c)(5)(ii) (B) and (C) of section 63.343.

Parameter Monitored: SURFACE TENSION
Upper Permit Limit: 45.0 dynes per centimeter
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 61: Compliance Certification

Effective between the dates of 05/04/2007 and 05/03/2012

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

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PLATE

Process: CHR

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

Item 61.2:

Compliance Certification 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

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



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

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



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 62: Compliance Certification

Effective between the dates of 05/04/2007 and 05/03/2012

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

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PLATE
Process: CHR

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

Item 62.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected source subject to the provisions of 40CFR 63 Subpart N shall maintain the following records for such source:

- (1) Inspection records for the add-on air pollution control device, if such a device is used, and monitoring equipment, to document that the inspection and maintenance required by the work practice standards of §63.342(f) and Table 1 of §63.342 have taken place. The record can take the form of a checklist and should identify the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies found during the inspection.
- (2) Records of all maintenance performed on the affected source, the add-on air pollution control device, and monitoring equipment;
- (3) Records of the occurrence, duration, and cause (if known) of each malfunction of process, add-on air pollution control, and monitoring equipment;
- (4) Records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan;
- (5) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan required by §63.342(f)(3);
- (6) Test reports documenting results of all performance tests;
- (7) All measurements as may be necessary to determine the conditions of performance tests, including measurements necessary to determine compliance with the special compliance procedures of §63.344(e);
- (8) Records of monitoring data required by §63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected;
- (9) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment;
- (10) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process,



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

add-on air pollution control, or monitoring equipment;

(11) The total process operating time of the affected source during the reporting period;

(12) Records of the actual cumulative rectifier capacity of hard chromium electroplating tanks at a facility expended during each month of the reporting period, and the total capacity expended to date for a reporting period, if the owner or operator is using the actual cumulative rectifier capacity to determine facility size in accordance with §63.342(c)(2);

(13) For sources using fume suppressants to comply with the standards, records of the date and time that fume suppressants are added to the electroplating or anodizing bath;

(14) For sources complying with §63.342(e), records of the bath components purchased, with the wetting agent clearly identified as a bath constituent contained in one of the components;

(15) Any information demonstrating whether a source is meeting the requirements for a waiver of recordkeeping or reporting requirements, if the source has been granted a waiver under §63.10(f); and

(16) All documentation supporting the notifications and reports required by §63.9, §63.10, and §63.347.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 63: Compliance Certification

Effective between the dates of 05/04/2007 and 05/03/2012

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

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PLATE

Process: CHR

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

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 64: Reporting Requirements

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.347(a), Subpart N

Item 64.1:

This Condition applies to Emission Unit: 1-PLATE
Process: CHR

Item 64.2:

The owner or operator of each affected source subject to 40CFR63 Subpart N shall fulfill all reporting requirements outlined in section 63.347 and in the General Provisions to 40 CFR part 63. General Provisions requirements are identified in Table 1 of Subpart N.

These reports shall be made to the Administrator at the appropriate address as identified in §63.13 or to the delegated State authority.

(1) Reports may be sent by U.S. mail, fax, or by another courier.

(i) Submittals sent by U.S. mail shall be postmarked on or before the specified date.

(ii) Submittals sent by other methods shall be received by the Administrator on or before the specified date.

(2) If acceptable to both the Administrator and the owner or operator of an affected source, reports may be submitted on electronic media.

Condition 65: Required content for notification of compliance status

Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.347(e)(2), Subpart N

Item 65.1:

This Condition applies to Emission Unit: 1-PLATE
Process: CHR

Item 65.2:

The notification of compliance status shall be submitted to the New York State Department of Environmental Conservation Regional Office. A copy shall also be sent to the United States Environmental Protection Agency Region II office.

The notification shall list for each affected source:

(i) The applicable emission limitation and the methods that were used to determine compliance with this limitation;

(ii) If a performance test is required by Subpart N, the test report documenting the results of the



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

- performance test, which contains the elements required by §63.344(a), including measurements and calculations to support the special compliance provisions of §63.344(e) if these are being followed;
- (iii) The type and quantity of hazardous air pollutants emitted by the source reported in mg/dscm or mg/hr if the source is using the special provisions of §63.344(e) to comply with the standards. (If the owner or operator is subject to the construction and reconstruction provisions of §63.345 and had previously submitted emission estimates, the owner or operator shall state that this report corrects or verifies the previous estimate.) For sources not required to conduct a performance test in accordance with §63.343(b), the surface tension measurement may fulfill this requirement;
 - (iv) For each monitored parameter for which a compliant value is to be established under §63.343(c), the specific operating parameter value, or range of values, that corresponds to compliance with the applicable emission limit;
 - (v) The methods that will be used to determine continuous compliance, including a description of monitoring and reporting requirements, if methods differ from those identified in this subpart;
 - (vi) A description of the air pollution control technique for each emission point;
 - (vii) A statement that the owner or operator has completed and has on file the operation and maintenance plan as required by the work practice standards in §63.342(f);
 - (viii) If the owner or operator is determining facility size based on actual cumulative rectifier capacity in accordance with §63.342(c)(2), records to support that the facility is small. For existing sources, records from any 12-month period preceding the compliance date shall be used or a description of how operations will change to meet a small designation shall be provided. For new sources, records of projected rectifier capacity for the first 12-month period of tank operation shall be used;
 - (ix) A statement by the owner or operator of the affected source as to whether the source has complied with the provisions of this subpart.

Condition 66: Compliance Certification
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable Federal Requirement: 40CFR 63.347(g)(3), Subpart N

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PLATE
Process: CHR

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected source for which compliance monitoring is required in accordance with 40CFR63 §63.343(c) shall prepare a summary report to document the ongoing compliance status of the source. The report shall be submitted semiannually, unless more or less frequent reporting has been established based on the criteria of 40CFR63.347(g)(1).



The report must contain the following information:

- (1) The company name and address of the affected source;
- (2) An identification of the operating parameter that is monitored for compliance determination, as required by §63.343(c);
- (3) The relevant emission limitation for the affected source, and the operating parameter value, or range of values, that correspond to compliance with this emission limitation as specified in the notification of compliance status required by paragraph (e) of section 63.347;
- (4) The beginning and ending dates of the reporting period;
- (5) A description of the type of process performed in the affected source;
- (6) The total operating time of the affected source during the reporting period;
- (7) If the affected source is a hard chromium electroplating tank and the owner or operator is limiting the maximum cumulative rectifier capacity in accordance with §63.342(c)(2), the actual cumulative rectifier capacity expended during the reporting period, on a month-by-month basis;
- (8) A summary of operating parameter values, including the total duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as a percent of the total source operating time during that reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to process upsets, control equipment malfunctions, other known causes, and unknown causes;
- (9) A certification by a responsible official, as defined in 40CFR63 §63.2, that the work practice standards in §63.342(f) were followed in accordance with the operation and maintenance plan for the source;
- (10) If the operation and maintenance plan required by §63.342(f)(3) was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emission and/or parameter monitoring exceedances are believed to have occurred, and a copy of the report(s) required by §63.342(f)(3)(iv) documenting that the operation and maintenance plan was not followed;
- (11) A description of any changes in monitoring,



processes, or controls since the last reporting period;

(12) The name, title, and signature of the responsible official who is certifying the accuracy of the report; and

(13) The date of the report.

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 7/30/2007.

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: 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 applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 67: Contaminant List
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable State Requirement: ECL 19-0301

Item 67.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 0NY100-00-0

Name: HAP

CAS No: 007697-37-2

Name: NITRIC ACID

CAS No: 007664-93-9

Name: SULFURIC ACID

CAS No: 0NY998-00-0

Name: VOC

Condition 68: Unavoidable noncompliance and violations
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable State Requirement: 6NYCRR 201-1.4

Item 68.1:

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



New York State Department of Environmental Conservation

Permit ID: 6-3016-00065/00009

Facility DEC ID: 6301600065

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 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 69: Air pollution prohibited
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable State Requirement: 6NYCRR 211.2

Item 69.1:

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 70: Compliance Demonstration
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable State Requirement: 6NYCRR 211.2

Item 70.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 70.2:

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: UPON REQUEST BY REGULATORY AGENCY

Condition 71: Asbestos containing surface coatings prohibited
Effective between the dates of 05/04/2007 and 05/03/2012

Applicable State Requirement: 6NYCRR 221.2

Item 71.1:

No person shall engage in or allow surface coating by the spraying of asbestos or asbestos-containing materials.