



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 1-4720-01919/00001
Effective Date: 09/13/2011 Expiration Date: 09/12/2016

Permit Issued To:RIPAK AEROSPACE PROCESSING LLC
165 FIELD ST
WEST BABYLON, NY 11704

Facility: LAWRENCE RIPAK FACILITY
165 FIELD ST
WEST BABYLON, NY 11704-1416

Contact: GALLI ENGINEERING PC
734 WALT WHITMAN RD STE 402A
MELVILLE, NY 11747
(516) 271-9292

Description:

Lawrence Ripak facility performs nondestructive testing, surface finishing, and surface coating of aerospace parts. The facility's painting operations are regulated under 6NYCRR Part 228 - Surface Coating Processes. Lawrence Ripak is not subject to 40 CFR Part 63 Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities. The vapor degreasing operations are regulated under 40 CFR Part 63 Subpart T - National Emission Standards for Halogenated Solvent Cleaning. The machine. The emissions from cadmium and copper plating processes are governed by 6NYCRR Part 212 - General Process Emission Sources. Emissions from chromic acid anodizing are regulated under 40 CFR Part 63 Subpart N - National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks.

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: LAURA J SCOVAZZO
NYSDEC - REGION 1 SUNY @ STONY BROOK
50 CIRCLE RD
STONY BROOK, NY 11790-3409

Authorized Signature: _____ Date: ____ / ____ / ____

DEC Permit Conditions
Renewal 2/FINAL





Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal -
REGION 1 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: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal - REGION 1 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409
(631) 444-0365

New York State Department of Environmental Conservation

Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:RIPAK AEROSPACE PROCESSING LLC
165 FIELD ST
WEST BABYLON, NY 11704

Facility: LAWRENCE RIPAK FACILITY
165 FIELD ST
WEST BABYLON, NY 11704-1416

Authorized Activity By Standard Industrial Classification Code:
3471 - ELECTROPLATING,POLISHING,ANODIZING, AND COLORING
3479 - METAL COATING AND ALLIED SERVICES,NEC
8734 - TESTING LABORATORIES

Permit Effective Date: 09/13/2011

Permit Expiration Date: 09/12/2016



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
 - 2 6 NYCRR 201-6.5 (a) (7): Fees
 - 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
 - 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
 - 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
 - 6 6 NYCRR 202-2.1: Compliance Certification
 - 7 6 NYCRR 202-2.5: Recordkeeping requirements
 - 8 6 NYCRR 215.2: Open Fires - Prohibitions
 - 9 6 NYCRR 200.7: Maintenance of Equipment
 - 10 6 NYCRR 201-1.7: Recycling and Salvage
 - 11 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
 - 12 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
 - 13 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
 - 14 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
 - 15 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
 - 16 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
 - 17 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
 - 18 6 NYCRR 202-1.1: Required Emissions Tests
 - 19 40 CFR Part 68: Accidental release provisions.
 - 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
 - 21 6 NYCRR Subpart 201-6: Emission Unit Definition
 - 22 6 NYCRR 201-6.5 (e): Compliance Certification
 - 23 6 NYCRR 211.1: Air pollution prohibited
 - 24 6 NYCRR 212.4 (c): Compliance Certification
 - 25 6 NYCRR 212.9 (b): Compliance Certification
- #### Emission Unit Level
- 26 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
 - 27 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=1-PAINT

- 28 6 NYCRR 200.7: Compliance Certification

EU=1-PAINT,Proc=CC1

- 29 6 NYCRR 228-1.3 (a): Recordkeeping, Reports of VOCs - EU Level
- 30 6 NYCRR 228-1.4: Compliance Certification

EU=1-PAINT,Proc=CC1

- 31 6 NYCRR 228-1.5 (a): Compliance Certification
- 32 6 NYCRR 228-1.8: Compliance Certification
- 33 6 NYCRR 228-1.8: Compliance Certification
- 34 6 NYCRR 228-1.8: Compliance Certification

EU=2-000VD,Proc=DEG



- 35 40CFR 63.463(a), Subpart T: Compliance Certification
- 36 40CFR 63.463(a), Subpart T: Compliance Certification
- 37 40CFR 63.463(a), Subpart T: Compliance Certification
- 38 40CFR 63.463(a), Subpart T: Compliance Certification
- 39 40CFR 63.463(a), Subpart T: Compliance Certification
- 40 40CFR 63.463(b)(2)(i), Subpart T: Compliance Certification
- 41 40CFR 63.463(d), Subpart T: Compliance Certification
- 42 40CFR 63.463(e)(2)(i), Subpart T: Compliance Certification
- 43 40CFR 63.463(e)(2)(ii), Subpart T: Compliance Certification
- 44 40CFR 63.463(e)(2)(v), Subpart T: Compliance Certification
- 45 40CFR 63.467(a), Subpart T: Compliance Certification
- 46 40CFR 63.467(b), Subpart T: Compliance Certification
- 47 40CFR 63.468(f), Subpart T: Compliance Certification
- 48 40CFR 63.468(i), Subpart T: Reduction in submission frequency of
exceedance report

EU=4-0ACID,Proc=AC7,ES=CANOD

- 49 40CFR 63.340(b), Subpart N: Part 63 General Provisions requirements
- 50 40CFR 63.342(d)(2), Subpart N: Compliance Certification
- 51 40CFR 63.342(f), Subpart N: Compliance Certification
- 52 40CFR 63.346(a), Subpart N: Compliance Certification
- 56 40CFR 63.346(b), Subpart N: Compliance Certification
- 53 40CFR 63.347(a), Subpart N: Reporting Requirements
- 54 40CFR 63.347(h), Subpart N: Ongoing compliance status reports for
area sources
- 55 40CFR 63.347(h)(2), Subpart N: Exceedance Report Requirements

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 57 ECL 19-0301: Contaminant List
- 58 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 59 6 NYCRR 211.2: Visible Emissions Limited



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 - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 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 Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR 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 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 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 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 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 - 6 NYCRR 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 order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR 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 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 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 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 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 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 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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

Condition 2: Fees
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 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 72-0303.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 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 09/13/2011 and 09/12/2016

Applicable Federal Requirement: 6 NYCRR 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 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 09/13/2011 and 09/12/2016

Applicable Federal Requirement: 6 NYCRR 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.

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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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



Condition 6: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 202-2.1

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:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 7: Recordkeeping requirements
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 7.1:

(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 upon request during normal business hours.

Condition 8: Open Fires - Prohibitions
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 215.2

Item 8.1:

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

Item 8.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:



- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

**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 9: Maintenance of Equipment



Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 200.7

Item 9.1:

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 10: Recycling and Salvage

Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 10.1:

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 11: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 11.1:

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 12: Exempt Sources - Proof of Eligibility

Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 12.1:

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 13: Trivial Sources - Proof of Eligibility

Effective between the dates of 09/13/2011 and 09/12/2016

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



Item 13.1:

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 14: Standard Requirement - Provide Information
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 14.1:

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.

Condition 15: General Condition - Right to Inspect
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 15.1:

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 16: Standard Requirements - Progress Reports
Effective between the dates of 09/13/2011 and 09/12/2016

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

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Item 16.1:

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 17: Off Permit Changes
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 17.1:

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 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 18: Required Emissions Tests
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

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

Condition 19: Accidental release provisions.
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:40 CFR Part 68



Item 19.1:

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 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 20: Recycling and Emissions Reduction
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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 21: Emission Unit Definition
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:

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

Emission Unit: 1-PAINT

Emission Unit Description:

Paint shop consisting of nine spray booths, one drying oven, and the exhaust from one mixing/storage room. All coatings are compliant coatings.

Building(s): HDQ

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Item 21.2:

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

Emission Unit: 2-000VD

Emission Unit Description:

Vapor degreasing operation.

Building(s): HDQ

Item 21.3:

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

Emission Unit: 3-CADPL

Emission Unit Description:

Plating of steel aerospace parts using a variety of cyanide based solutions, and associated thermal treatment.

Building(s): HDQ

Item 21.4:

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

Emission Unit: 4-0ACID

Emission Unit Description:

Acid based cleaning and anodizing of aerospace parts.

Building(s): HDQ

Item 21.5:

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

Emission Unit: 5-PLNT2

Emission Unit Description:

Acid based cleaning and sulfuric acid anodizing of aerospace parts

Building(s): 155

Condition 22: Compliance Certification

Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 22.1:

The Compliance Certification activity will be performed for the Facility.

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:



- i. Compliance certifications shall contain:
 - 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.

- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

- iv. 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 Quality Assurance (BQA) 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:

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NYSDEC- Region 1 Headquarters
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due on the same day each year

Condition 23: Air pollution prohibited
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 211.1

Item 23.1:

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 24: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 24.1:

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

Emission Unit: 1-PAINT Process: CC1	Emission Point: 00001
Emission Unit: 1-PAINT Process: CC1	Emission Point: 00002
Emission Unit: 1-PAINT Process: CC1	Emission Point: 00003
Emission Unit: 1-PAINT	Emission Point: 00004



Process: CC1

Emission Unit: 1-PAINT Emission Point: 00005
Process: CC1

Emission Unit: 1-PAINT Emission Point: 00006
Process: CC1

Emission Unit: 1-PAINT Emission Point: 00007
Process: CC1

Emission Unit: 1-PAINT Emission Point: 00016
Process: CC1

Emission Unit: 1-PAINT Emission Point: 00017
Process: CC1

Emission Unit: 1-PAINT Emission Point: 00018
Process: CC1

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

Item 24.2:

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 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, 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

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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 any instances in which visible emissions were observed or in which observations could not be made due to weather conditions.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 grains per dscf
Reference Test Method: As per Description
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 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 25: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement: 6 NYCRR 212.9 (b)

Item 25.1:

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

Emission Unit: 3-CADPL	Emission Point: 00008
Emission Unit: 4-0ACID	Emission Point: 00012
Emission Unit: 5-PLNT2 Process: DC1	Emission Point: 00101
Regulated Contaminant(s): CAS No: 007664-93-9	SULFURIC ACID

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The sulfuric acid emission rate potential for these emission points (before control) was estimated at 1.22 pounds per hour.

The mesh pad mist eliminator is estimated to control 98% of those emissions. At that level of control the actual emissions are estimated to cause ambient impacts of about 3% of the ambient guideline concentration listed in



guideline document, DAR-1.

If inspections offer reason to doubt that the mist eliminator is functioning properly, the Department may request a performance test pursuant to Subpart 202-1. That test must show that the actual emission rate is less than 0.70 pounds per hour.

Parameter Monitored: SULFURIC ACID
Upper Permit Limit: 0.70 pounds per hour
Reference Test Method: 40 CFR 60 Method 8
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

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

**Condition 26: Emission Point Definition By Emission Unit
Effective between the dates of 09/13/2011 and 09/12/2016**

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 26.1:

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

Emission Unit:	1-PAINT		
Emission Point:	00001		
Height (ft.):	25	Diameter (in.):	24
NYTMN (km.):	4510.646	NYTME (km.):	636.082
		Building:	HDQ
Emission Point:	00002		
Height (ft.):	25	Diameter (in.):	24
NYTMN (km.):	4510.641	NYTME (km.):	636.084
		Building:	HDQ
Emission Point:	00003		
Height (ft.):	25	Diameter (in.):	24
NYTMN (km.):	4510.635	NYTME (km.):	636.086
		Building:	HDQ
Emission Point:	00004		
Height (ft.):	25	Diameter (in.):	24
NYTMN (km.):	4510.632	NYTME (km.):	636.088
		Building:	HDQ
Emission Point:	00005		
Height (ft.):	25	Diameter (in.):	24
NYTMN (km.):	4510.629	NYTME (km.):	636.089
		Building:	HDQ



Emission Point: 00006
Height (ft.): 25 Diameter (in.): 24
NYTMN (km.): 4510.626 NYTME (km.): 636.09 Building: HDQ

Emission Point: 00007
Height (ft.): 25 Diameter (in.): 12
NYTMN (km.): 4510.636 NYTME (km.): 636.084 Building: HDQ

Emission Point: 00016
Height (ft.): 31 Diameter (in.): 24
NYTMN (km.): 4510.624 NYTME (km.): 636.084 Building: HDQ

Emission Point: 00017
Height (ft.): 25 Diameter (in.): 24
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00018
Height (ft.): 25 Diameter (in.): 24
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Item 26.2:

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

Emission Unit: 3-CADPL

Emission Point: 00008
Height (ft.): 24 Diameter (in.): 24
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00009
Height (ft.): 24 Diameter (in.): 24
NYTMN (km.): 4510.605 NYTME (km.): 636.097 Building: HDQ

Emission Point: 00010
Height (ft.): 30 Diameter (in.): 6
NYTMN (km.): 4510.644 NYTME (km.): 636.076 Building: HDQ

Emission Point: 00013
Height (ft.): 30 Diameter (in.): 6
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Item 26.3:

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

Emission Unit: 4-0ACID

Emission Point: 00011
Height (ft.): 25 Diameter (in.): 24
NYTMN (km.): 4510.621 NYTME (km.): 636.085 Building: HDQ

Emission Point: 00012

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Control Type: MAT OR PANEL FILTER

Emission Source/Control: PSB06 - Control
Control Type: MAT OR PANEL FILTER

Emission Source/Control: PSB07 - Control
Control Type: MAT OR PANEL FILTER

Emission Source/Control: PSB08 - Control
Control Type: MAT OR PANEL FILTER

Emission Source/Control: PSB09 - Control
Control Type: MAT OR PANEL FILTER

Emission Source/Control: PSOVI - Process

Item 27.2:

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

Emission Unit: 2-000VD
Process: DEG Source Classification Code: 4-01-002-53

Emission Source/Control: VD001 - Process

Emission Source/Control: VD002 - Process

Item 27.3:

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

Emission Unit: 3-CADPL
Process: CN1 Source Classification Code: 3-09-010-52

Emission Source/Control: 00CAD - Process

Item 27.4:

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

Emission Unit: 3-CADPL
Process: CN2 Source Classification Code: 3-09-010-52

Emission Source/Control: TICAD - Process

Item 27.5:

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

Emission Unit: 3-CADPL
Process: CN3 Source Classification Code: 3-09-010-52

Emission Source/Control: BRCAD - Process

Item 27.6:

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



Emission Unit: 3-CADPL
Process: CN4 Source Classification Code: 3-09-010-52

Emission Source/Control: HCDCD - Process

Item 27.7:

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

Emission Unit: 3-CADPL
Process: CN5 Source Classification Code: 3-09-010-42

Emission Source/Control: 0CUPL - Process

Item 27.8:

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

Emission Unit: 3-CADPL
Process: CN6 Source Classification Code: 3-09-010-42

Emission Source/Control: 0CUST - Process

Item 27.9:

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

Emission Unit: 3-CADPL
Process: CN7 Source Classification Code: 3-09-011-01

Emission Source/Control: CNALK - Process

Item 27.10:

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

Emission Unit: 3-CADPL
Process: CN8 Source Classification Code: 3-09-010-97

Emission Source/Control: CDOV1 - Process

Emission Source/Control: CDOV2 - Process

Item 27.11:

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

Emission Unit: 4-0ACID
Process: AC1 Source Classification Code: 3-09-011-01

Emission Source/Control: ACALK - Process

Item 27.12:

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

Emission Unit: 4-0ACID



Process: AC2 Source Classification Code: 3-09-011-02

Emission Source/Control: AETCH - Process

Item 27.13:

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

Emission Unit: 4-0ACID
Process: AC3 Source Classification Code: 3-09-011-02

Emission Source/Control: TETCH - Process

Item 27.14:

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

Emission Unit: 4-0ACID
Process: AC4 Source Classification Code: 3-09-010-03

Emission Source/Control: NISPL - Process

Item 27.15:

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

Emission Unit: 4-0ACID
Process: AC5 Source Classification Code: 3-09-011-03

Emission Source/Control: SANOD - Process

Item 27.16:

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

Emission Unit: 4-0ACID
Process: AC6 Source Classification Code: 3-09-011-99

Emission Source/Control: CR03S - Process

Emission Source/Control: DCR3S - Process

Item 27.17:

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

Emission Unit: 4-0ACID
Process: AC7 Source Classification Code: 3-09-011-03

Emission Source/Control: CANOD - Process

Item 27.18:

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

Emission Unit: 4-0ACID
Process: AC8 Source Classification Code: 3-09-011-03



Emission Source/Control: BSAND - Process

Item 27.19:

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

Emission Unit: 4-0ACID
Process: AC9 Source Classification Code: 3-09-010-98

Emission Source/Control: AMBFE - Process

Item 27.20:

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

Emission Unit: 4-0ACID
Process: ACA Source Classification Code: 3-09-011-02
Process Description: Facility Process: AC10

Emission Source/Control: NIFLE - Process

Item 27.21:

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

Emission Unit: 5-PLNT2
Process: DC1 Source Classification Code: 3-09-011-03

Emission Source/Control: BSAN2 - Process

Item 27.22:

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

Emission Unit: 5-PLNT2
Process: DC2 Source Classification Code: 3-09-011-99

Emission Source/Control: DCR32 - Process

Item 27.23:

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

Emission Unit: 5-PLNT2
Process: DC3 Source Classification Code: 3-09-011-02

Emission Source/Control: AETC2 - Process

Item 27.24:

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

Emission Unit: 5-PLNT2
Process: DC4 Source Classification Code: 3-09-011-02

Emission Source/Control: TETC2 - Process

Item 27.25:



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

Emission Unit: 5-PLNT2
Process: DC5 Source Classification Code: 3-09-011-02
Emission Source/Control: HNO32 - Process

Item 27.26:

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

Emission Unit: 5-PLNT2
Process: DC6 Source Classification Code: 3-09-011-01
Emission Source/Control: ACAL2 - Process

Item 27.27:

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

Emission Unit: 5-PLNT2
Process: DC7 Source Classification Code: 3-09-011-04
Emission Source/Control: FILTR - Process

Item 27.28:

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

Emission Unit: 5-PLNT2
Process: DC8 Source Classification Code: 4-02-025-02
Process Description:
Dust collecting to removed particulates from shot peening operations.
Emission Source/Control: SPEEN - Process

Condition 28: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 200.7

Item 28.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT
Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:



Operators of all paint spray booths must monitor the booths and the accompanying particulate control device(s) on a weekly basis:

- Inspect the spray booth emission point for evidence of paint fallout and for presence of visible emissions. Presence of visible emissions indicates that the emission sources may not be operating properly and may need servicing.
- Inspect the spray booth's particulate control device for evidence that maintenance or replacement is needed.
- Record in an inspection log, which shall be made available for Department review upon request, the following information: Date, time, name of staff person performing inspection, and inspection results for each inspection; and, whenever a problem is discovered, a description of the problem, cause and corrective action taken.

Regardless of weekly inspection, when a problem is noted, an immediate action should be taken that leads to resolve the problem.

Monitoring Frequency: WEEKLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Recordkeeping, Reports of VOCs - EU Level
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 29.1:

This Condition applies to Emission Unit: 1-PAINT
Process: CC1

Item 29.2: Use of coatings that exceed the maximum permitted pounds of VOC per gallon, minus water and excluded VOC at application specified in table 1 of section 228.7 or table 2 of section 228.8 of 6 NYCRR Part 228 is prohibited.

Condition 30: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 228-1.4

Item 30.1:

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



Emission Unit: 1-PAINT	Emission Point: 00001
Emission Unit: 1-PAINT	Emission Point: 00002
Emission Unit: 1-PAINT	Emission Point: 00003
Emission Unit: 1-PAINT	Emission Point: 00004
Emission Unit: 1-PAINT	Emission Point: 00005
Emission Unit: 1-PAINT	Emission Point: 00006
Emission Unit: 1-PAINT	Emission Point: 00007
Emission Unit: 1-PAINT	Emission Point: 00016
Emission Unit: 1-PAINT	Emission Point: 00017
Emission Unit: 1-PAINT	Emission Point: 00018

Item 30.2:

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 emission unit, process, etc. to which this condition applies 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 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

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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: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 31: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 228-1.5 (a)

Item 31.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

Process: CC1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any emission source subject to 6NYCRR Part 228 must maintain and, upon request, provide the Department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of each as applied coating, (VOC)a, used at the facility. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained in a format acceptable to the Department and, upon request, these records must be submitted to the Department. Any facility required to perform the overall removal efficiency calculation, must maintain records to verify the parameters used in the calculation. A facility owner or operator must maintain a record that identifies each air cleaning device that has an overall removal efficiency of at least 85 percent. Any additional information required to determine compliance must be provided to the Department in a format acceptable to the Department.

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Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 32: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 228-1.8

Item 32.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT
Process: CC1

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

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The maximum permitted pounds of VOC per gallon (minus
water and excluded VOC) of coating at application, for
aerospace maskant for chemical processing is 5.1.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 5.1 pounds per gallon

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 1/30/2012.

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

Condition 33: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 228-1.8

Item 33.1:

The Compliance Certification activity will be performed for:

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Emission Unit: 1-PAINT
Process: CC1

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

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The maximum permitted pounds of VOC per gallon (minus water and excluded VOC) of coating at application, for aerospace primer coating lines is 2.9.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 2.9 pounds per gallon

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 1/30/2012.

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

Condition 34: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:6 NYCRR 228-1.8

Item 34.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT
Process: CC1

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

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The maximum permitted pounds of VOC per gallon (minus water and excluded VOC) of coating at application, for aerospace topcoat coating lines is 5.1.

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Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: COATING
Parameter Monitored: VOC CONTENT
Upper Permit Limit: 5.1 pounds per gallon
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 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD
Process: DEG

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

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The owner/operator of a solvent cleaning machine subject to Subpart T of 40CFR63 shall ensure that each existing or new batch vapor or in-line solvent cleaning machine has an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 ft/min) or less from the initial loading of parts through removal of cleaned parts.

The speed of the automated parts handling system shall be determined by measuring the time it takes for the system to travel a measured distance.

The monitoring shall be conducted monthly. If after the first year, no exceedances of the automated parts handling system speed are measured, the owner/operator may begin monitoring the speed quarterly.

If an exceedance occurs during the quarterly monitoring,

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the monitoring frequency returns to monthly until another year of compliance without an exceedance is demonstrated.

If the owner/operator can demonstrate in the initial compliance report that the automated parts handling system cannot exceed a speed of 3.4 meters/min (11 ft/min), the required monitoring frequency is quarterly, including during the first year of compliance.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PARTS

Upper Permit Limit: 11 feet 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 1/30/2012.

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

Condition 36: Compliance Certification

Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Process: DEG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 36.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each owner/operator of a solvent cleaning machine subject to the provisions of Subpart T of 40CFR63 shall ensure that each existing or new batch vapor or in-line solvent cleaning machine has a freeboard ratio of 0.75 or greater.

Parameter Monitored: FREEBOARD RATIO

Lower Permit Limit: 0.75 freeboard ratio

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED



VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 37.1:
The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD
Process: DEG

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

Item 37.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Each owner/operator of a solvent cleaning machine subject to Subpart T of 40CFR63 shall ensure that each existing or new batch vapor or in-line solvent cleaning machine is designed with an idling and downtime mode cover, as described in 40CFR63.463(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.

The owner/operator shall conduct a visual inspection to determine if the cover is opening and closing properly, completely covers the cleaning machine openings when closed, and is free of cracks, holes, and other defects.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 38: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 38.1:
The Compliance Certification activity will be performed for:



Emission Unit: 2-000VD
Process: DEG

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

Item 38.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each owner/operator of a solvent cleaning machine subject to Subpart T of 40CFR63 shall ensure that each existing or new batch vapor or in-line solvent cleaning machine is designed so 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).

The owner/operator shall also establish and maintain the operating conditions under which the wind speed was demonstrated to be 15.2 meters/min (50ft/min).

Parameter Monitored: AIR FLOW
Upper Permit Limit: 50 feet per minute
Monitoring Frequency: WEEKLY
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 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD
Process: DEG

Regulated Contaminant(s):
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Item 39.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator of a solvent cleaning machine subject to Subpart T of 40CFR63 shall ensure that each existing or new batch vapor or in-line solvent cleaning machine conforms to the following design requirements:

- 1) 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.
- 2) 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.
- 3) Each vapor cleaning machine shall have a primary condenser.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 40: Compliance Certification

Effective between the dates of 09/13/2011 and 09/12/2016

Applicable Federal Requirement:40CFR 63.463(b)(2)(i), Subpart T

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Process: DEG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 40.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each owner or operator of a batch solvent vapor cleaning machine with a solvent/air interface greater than 1.21 square meters shall comply with the requirements specified in §63.463(b)(2)(i).

Employ Option 6 of the possible control combinations



listed in Table 2.

Freeboard refrigeration device, freeboard ratio of 1.0,
and reduced room draft.

Parameter Monitored: FREEBOARD RATIO
Upper Permit Limit: 1.0 freeboard ratio
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 41: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 41.1:
The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD
Process: DEG

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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.
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.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 42: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Process: DEG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 42.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

If a freeboard refrigeration device is used to comply with Subpart T, the chilled air blanket temperature (in

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deg. F), measured at the center of the air blanket with a thermometer or thermocouple, must be no greater than 30 percent of the solvent boiling point.

The temperature of the air blanket above the vapor zone must be measured weekly while the machine is idling.

An exceedance has occurred if the temperature, as monitored, exceeds the 30% threshold and is not corrected within 15 days of detection. Adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The temperature shall be remeasured immediately upon adjustment or repair and demonstrated to be within 30% of the solvent boiling point.

Records of the weekly temperature measurement are to be kept on site and shall be maintained in either electronic or written form for a period of five years.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 75 degrees Fahrenheit

Monitoring Frequency: WEEKLY

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 1/30/2012.

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

Condition 43: Compliance Certification

Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Process: DEG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 43.2:

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 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 1/30/2012.



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

Condition 44: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Process: DEG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 44.2:

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 1/30/2012.

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



Condition 45: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD
Process: DEG

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

Item 45.2:

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 1/30/2012.

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

Condition 46: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 46.1:



The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD
Process: DEG

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

Item 46.2:

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 1/30/2012.

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

Condition 47: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD
Process: DEG



Regulated Contaminant(s):
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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 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: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 48: Reduction in submission frequency of exceedance report Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 48.1:

This Condition applies to Emission Unit: 2-000VD
Process: DEG

Item 48.2: 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).

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Condition 49: Part 63 General Provisions requirements
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 49.1:

This Condition applies to Emission Unit: 4-0ACID
Process: AC7 Emission Source:
CANOD

Item 49.2:

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 50: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: 4-0ACID
Process: AC7 Emission Source: CANOD

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

Item 50.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

When a chemical fume suppressant containing a wetting agent is used, the permittee shall control chromium emissions to the atmosphere 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.

Compliance shall be determined according to the methods and schedule in 40 CFR §63.343(c)(5)(ii). The schedule provides for measuring the surface tension up to once every four hours of operation during the first 40 hours of

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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. Then once there are no exceedances during 40 hours of tank operation, surface tension measurement may be conducted once every 40 hours of tank operation. The minimum frequency of monitoring allowed is once every 40 hours of tank operation.

Once an exceedance occurs, the original monitoring schedule of once every 4 hours must be resumed.

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.

Parameter Monitored: SURFACE TENSION

Upper Permit Limit: 45.0 dynes per centimeter

Reference Test Method: 40CFR63 Method 306B

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 51: Compliance Certification

Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

Item 51.2:

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 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

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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 1/30/2012.

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

Condition 52: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

Regulated Contaminant(s):

CAS No: 007440-47-3

CHROMIUM

Item 52.2:

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 reporting requirements established under this part, the owner or operator of an affected source in such State



subject to such requirements shall submit reports to the delegated State authority (which may be the same as the permitting authority). In addition, if the delegated (permitting) authority is the State, the owner or operator shall send a copy of each report submitted to the State to the appropriate Regional Office of the EPA, as specified in paragraph (a)(4)(i) of section 63.10. The Regional Office may waive this requirement for any reports at its discretion.

63.10(a)(5): If an owner or operator of an affected source in a State with delegated authority is required to submit periodic reports under Part 63 to the State, and if the State has an established timeline for the submission of periodic reports that is consistent with the reporting frequency(ies) specified for such source under Part 63, the owner or operator may change the dates by which periodic reports under Part 63 shall be submitted (without changing the frequency of reporting) to be consistent with the State's schedule by mutual agreement between the owner or operator and the State. For each relevant standard established pursuant to section 112 of the Act, the allowance in the previous sentence applies in each State beginning 1 year after the affected source's compliance date for that standard. Procedures governing the implementation of this provision are specified in §63.9(i).

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

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



sentence applies in each State beginning 1 year after the stationary source is required to be in compliance with the relevant section 112 standard, or 1 year after the stationary source is required to be in compliance with the applicable part 60 or part 61 standard, whichever is latest. Procedures governing the implementation of this provision are specified in §63.9(i).

63.10(b): The owner or operator of an affected source subject to the provisions of Part 63 shall maintain files of all information (including all reports and notifications) required by Part 63 recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 56: Compliance Certification
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

Regulated Contaminant(s):

CAS No: 007440-47-3

CHROMIUM

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of decorative chromium electroplating tanks using a chromic acid bath and chromium anodizing tanks subject to the provisions of 40CFR §63.342(d)(2) (chemical fume suppressant containing a wetting agent) shall maintain the following records for such source:

(1) Records of all maintenance performed on the affected source, the add-on air pollution control device, and monitoring equipment;



- (2) Records of the occurrence, duration, and cause (if known) of each malfunction of process, add-on air pollution control, and monitoring equipment;
- (3) Records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan;
- (4) 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);
- (5) 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;
- (6) 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;
- (7) 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, add-on air pollution control, or monitoring equipment;
- (8) The total process operating time of the affected source during the reporting period;
- (9) 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;
- (10) All documentation supporting the notifications and reports required by §63.9, §63.10, and §63.347.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 53: Reporting Requirements
Effective between the dates of 09/13/2011 and 09/12/2016

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

Item 53.1:

This Condition applies to Emission Unit: 4-0ACID

Process: AC7

Emission Source:

CANOD

Item 53.2:

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 54: Ongoing compliance status reports for area sources
Effective between the dates of 09/13/2011 and 09/12/2016**

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

Item 54.1:

This Condition applies to Emission Unit: 4-0ACID
Process: AC7 Emission Source:
CANOD

Item 54.2:

The owner or operator of an affected source that is located at an area source site shall submit a summary report to document the ongoing compliance status of the affected source. The report shall contain the information identified below and shall be submitted annually. The report shall be completed annually except as provided in paragraph §63.347(h)(2).

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.

**Condition 55: Exceedance Report Requirements
Effective between the dates of 09/13/2011 and 09/12/2016**

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

Item 55.1:

This Condition applies to Emission Unit: 4-0ACID
Process: AC7 Emission Source:
CANOD

Item 55.2:

i) If both the following conditions are met, semiannual reports shall be prepared and submitted to the Administrator:

A) The total duration of excess emissions (as indicated by the monitoring data collected by the owner or operator of the affected source in accordance with 40 CFR §63.343(c)) is 1 percent or greater of the total operating time for the reporting period; and

B) The total duration of malfunctions of the add-on air pollution control device and monitoring equipment is 5 percent or greater of the total operating time.

ii) Once the owner or operator reports an exceedance as defined in item i) of this condition, ongoing compliance status reports shall be submitted semiannually until a request to reduce reporting frequency under 40 CFR §63.347(h)(3) is approved.



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 57: Contaminant List
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable State Requirement:ECL 19-0301

Item 57.1:

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

CAS No: 007440-47-3
Name: CHROMIUM



CAS No: 007664-93-9
Name: SULFURIC ACID

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

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

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

Condition 58: Unavoidable noncompliance and violations
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable State Requirement: 6 NYCRR 201-1.4

Item 58.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those 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 59: Visible Emissions Limited
Effective between the dates of 09/13/2011 and 09/12/2016

Applicable State Requirement:6 NYCRR 211.2

Item 59.1:

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.

