

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 1472001919**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 1-4720-01919/00001  
Mod 0 Effective Date: 12/17/2001 Expiration Date: 12/16/2006  
Mod 1 Effective Date: 09/20/2004 Expiration Date: 12/16/2006

Permit Issued To: LAWRENCE RIPAK CO INC  
165 FIELD ST  
WEST BABYLON, NY 11704-1416

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

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

**Description:**

Lawrence Ripak facility performs non-destructive testing, surface finishing, and surface coating of aerospace parts. The facility consists of two buildings, the headquarters (building HDQ) located at 165 Field Street, and adjacent Plant 2 (building 155) located at 155 Field Street. High specification parts fabricated by others are tested (magnaflux, dye ultrasonic), treated (cadmium and copper plated), chromium and sulfuric acid anodized, vapor degreased), and/or painted by using compliant primers and top coats. The facility is equipped with a paint shop consisting of seven spray booths, two drying ovens, and an exhaust from one mixing/storage room. 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 - since the facility is not a major source of hazardous air pollutants. The facility employs vapor degreasing of aerospace parts by using perchloroethylene as the working solvent in two vapor degreasers with solvent/air interface areas greater than 1.21 square meters located in a non-vented (no physical emission point) draft-free room. The vapor degreasing operations are regulated under 40 CFR Part 63 Subpart T - National Emission Standards for Halogenated Solvent Cleaning. To comply with Subpart T, the facility is using the control combination 6, which requires a freeboard refrigeration device to chill the air immediately above the vapor zone, reduced room draft, and freeboard ratio of 1 to ensure that perchloroethylene solvent on the parts vaporizes within the machine confines or drains back into the machine. Lawrence Ripak uses a variety of cyanide-based solutions and associated thermal treatments to conduct cadmium and copper plating of steel aerospace parts. The emissions from these processes are

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regulated by 6NYCRR Part 212 - General Process Emission Sources. The facility also conducts acid-based cleaning and uses chromic and sulfuric acids for its anodizing processes. 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. The waste streams from these processes are treated by ultrafiltration, metals precipitation, ph adjust, chrome reduction, and reverse osmosis, and may be subject to hazardous waste regulation.

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:            ROGER EVANS  
   DIVISION OF ENVIRONMENTAL PERMITS  
   SUNY CAMPUS, LOOP ROAD, BUILDING 40  
   STONY BROOK, NY 11790-2356

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

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

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

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

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications 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 1-1: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 1-1.1:**

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

**Item 1-1.2:**

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

**Item 1-1.3:**



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

**Condition 3: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13(a)**

**Expired by Mod No: 1**

**Item 3.1:**

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

**Item 3.2:**

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

**Condition 1-2: Permit Modifications, Suspensions and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Item 1-2.1:**

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

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

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

**Expired by Mod No: 1**

**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have

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materially changed since the permit was issued.

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

**Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 1 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 1 Headquarters  
Division of Environmental Permits  
SUNY Campus, Loop Road, Building 40  
Stony Brook, NY 11790-2356  
(631) 444-0365



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

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

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165 FIELD ST  
WEST BABYLON, NY 11704-1416

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



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 24 6NYCRR 201-6: Emission Unit Definition
- 1-1 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 1-2 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 1-3 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 1-4 6NYCRR 201-6.5(e): Compliance Certification
- 29 6NYCRR 202-2.1: Compliance Certification
- 30 6NYCRR 202-2.5: Recordkeeping requirements
- 33 6NYCRR 228.10: Compliance Certification
- 1-5 40CFR 68: Accidental release provisions.
- 1-6 40CFR 82, Subpart F: Recycling and Emissions Reduction

**Emission Unit Level**

- 35 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 36 6NYCRR 201-6: Process Definition By Emission Unit

**EU=1-PAINT**

- 38 6NYCRR 212.4(c): Compliance Certification
- 39 6NYCRR 228.3(a): Volatile organic compound emission control requirements
- 40 6NYCRR 228.4: Compliance Certification
- 41 6NYCRR 228.5(a): Compliance Certification
- 42 6NYCRR 228.8: Compliance Certification
- 43 6NYCRR 228.8: Compliance Certification
- 44 6NYCRR 228.8: Compliance Certification

**EU=2-000VD**

- 45 40CFR 63.463(a), Subpart T: Compliance Certification
- 46 40CFR 63.463(a), Subpart T: Compliance Certification
- 47 40CFR 63.463(a), Subpart T: Compliance Certification
- 48 40CFR 63.463(a), Subpart T: Compliance Certification
- 49 40CFR 63.463(a), Subpart T: Compliance Certification
- 50 40CFR 63.463(b)(2)(i), Subpart T: Compliance Certification
- 51 40CFR 63.463(d), Subpart T: Work practice standards for batch vapor degreasers
- 52 40CFR 63.463(e)(2)(i), Subpart T: Compliance Certification
- 53 40CFR 63.463(e)(2)(ii), Subpart T: Compliance Certification
- 54 40CFR 63.463(e)(2)(v), Subpart T: Compliance Certification
- 55 40CFR 63.467(a), Subpart T: Compliance Certification
- 56 40CFR 63.467(b), Subpart T: Compliance Certification
- 57 40CFR 63.468(f), Subpart T: Compliance Certification
- 58 40CFR 63.468(h), Subpart T: Exceedance report
- 59 40CFR 63.468(i), Subpart T: Reduction in submission frequency of exceedance report

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



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- 60 40CFR 63.340(b), Subpart N: Part 63 General Provisions requirements
- 61 40CFR 63.342(d)(2), Subpart N: Compliance Certification
- 62 40CFR 63.342(f), Subpart N: Compliance Certification
- 63 40CFR 63.346(a), Subpart N: Compliance Certification
- 64 40CFR 63.346(b), Subpart N: Compliance Certification
- 65 40CFR 63.347(a), Subpart N: Reporting Requirements
- 66 40CFR 63.347(h), Subpart N: Ongoing compliance status reports for area sources
- 67 40CFR 63.347(h)(2), Subpart N: Exceedance Report Requirements

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1-7 ECL 19-0301: Contaminant List
- 1-8 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 70 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

**EU=3-CADPL,EP=00008**

- 71 6NYCRR 212.9(b): Compliance Demonstration

**EU=4-0ACID,EP=00012**

- 72 6NYCRR 212.9(b): Compliance Demonstration

**EU=5-PLNT2,EP=00101,Proc=DC1**

- 73 6NYCRR 212.9(b): Compliance Demonstration

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Permit Expiration Date: 12/16/2006



**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: Sealing - 6NYCRR Part 200.5**

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

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

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

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

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

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

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



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

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

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

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

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

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

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the



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Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

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

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

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

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

**Item H: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)**

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

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

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject



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to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

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

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

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

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

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

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

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

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

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renewal application.

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

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

**Item O: Providing Information Upon Request - 6 NYCRR Part 201-6.5(a)(4)**

The permittee 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. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

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

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

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

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

**Item R: Fees - 6 NYCRR Part 201-6.5(a)(7)**

The owner and/or operator of a stationary source shall pay fees to the department consistent with the fee schedule authorized by 6 NYCRR Subpart 482-2.

**Item S: Right to Inspect - 6 NYCRR Part 201-6.5(a)(8)**

Upon presentation of credentials and other documents, as

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may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

- i. Enter upon the permittee's premises where the permitted facility 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 facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
- iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

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

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

**Item U: Progress Reports and Compliance Schedules - 6 NYCRR Part 201-6.5(d)(5)**

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. 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

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or corrective measures adopted.

**Item V: Off Permit Changes - 6 NYCRR Part 201-6.5(f)(6)**

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 provisions 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 in advance of the proposed changes within a minimum of 7 days as required by 6 NYCRR §201-6.5(f)(6).

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

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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or



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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 X: Reopening for Cause - 6 NYCRR Part 201-6.5(i)**

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

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

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

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

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

Proceedings to reopen and issue Title V facility permits



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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 Y: Required Emission Tests - 6 NYCRR Part 202-1.1**

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

**Item Z: Visible Emissions Limited - 6 NYCRR Part 211.3**

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.

**Item AA: Open Fires - 6 NYCRR Part 215**

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

**Item BB: 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



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

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

**FEDERAL APPLICABLE REQUIREMENTS**

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

**Condition 24: Emission Unit Definition**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 24.1(From Mod 1):**

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

Emission Unit: 1-PAINT

Emission Unit Description:

PAINT SHOP CONSISTING OF SEVEN SPRAY BOOTHS, TWO DRYING OVENS AND EXHAUST FROM ONE MIXING/STORAGE ROOM. ALL COATINGS ARE COMPLIANT COATINGS. SPRAY BOOTH 1 INCLUDES EMISSION POINTS 1 AND 2, SPRAY BOOTH 2 INCLUDES EMISSION POINT 14, SPRAY BOOTH 3 INCLUDES EMISSION POINTS 3 AND 4, SPRAY BOOTH 4 INCLUDES EMISSION POINT 5, SPRAY BOOTH 5 INCLUDES EMISSION POINT 6, SPRAY BOOTH 6 INCLUDES EMISSION POINT 15, AND SPRAY BOOTH 7 INCLUDES EMISSION POINT 16.



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Building(s): HDQ

**Item 24.2(From Mod 1):**

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 24.3(From Mod 1):**

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 24.4(From Mod 1):**

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 24.5(From Mod 1):**

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 1-1: Recordkeeping and reporting of compliance monitoring  
Effective between the dates of 09/20/2004 and 12/16/2006**

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

**Item 1-1.1:**

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

(i) The date, place, and time of sampling or measurements;

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- (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 1-2: Monitoring, Related Recordkeeping, and Reporting Requirements.**

**Effective between the dates of 09/20/2004 and 12/16/2006**

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

**Item 1-2.1:**

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 1-3: Compliance Certification**

**Effective between the dates of 09/20/2004 and 12/16/2006**

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

**Item 1-3.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 1-3.2:**

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

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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

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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



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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 1/30/2005.  
Subsequent reports are due every 6 calendar month(s).

**Condition 1-4: Compliance Certification**  
**Effective between the dates of 09/20/2004 and 12/16/2006**

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

**Item 1-4.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 1-4.2:**

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,

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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:

NYSDEC  
SUNY Campus  
Building 40  
Stony Brook, NY 11790-2356

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 1/30/2003.

Subsequent reports are due on the same day each year

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**Condition 29: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable Federal Requirement: 6NYCRR 202-2.1**

**Item 29.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

**Condition 30: Recordkeeping requirements**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable Federal Requirement: 6NYCRR 202-2.5**

**Item 30.1:**

(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 33: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable Federal Requirement: 6NYCRR 228.10**

**Item 33.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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CAS No: 0NY998-00-0 VOC

**Item 33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No owner or operator of a facility subject to 6NYCRR Part 228 shall:

- (a) use open containers to store or dispose of cloth or paper impregnated with VOC and/or solvents that are used for surface preparation, cleanup, or coating removal;
- (b) store in open containers spent or fresh VOC and/or solvents to be used for surface preparation, cleanup, or coating removal;
- (c) use VOC and/or solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize their evaporation to the atmosphere;
- (d) use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance, or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate; or
- (e) use open containers to store or dispose of spent surface coatings, spent VOCs and/or solvents.

The facility shall be inspected daily to determine if there are any open containers present. Open containers, if found, shall be covered.

Monitoring Frequency: DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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

**Condition 1-5: Accidental release provisions.**

**Effective between the dates of 09/20/2004 and 12/16/2006**

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**Applicable Federal Requirement: 40CFR 68**

**Item 1-5.1:**

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:

USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866  
ATTN: Accidental Release Program contact

**Condition 1-6: Recycling and Emissions Reduction**  
**Effective between the dates of 09/20/2004 and 12/16/2006**

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

**Item 1-6.1:**

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

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

**Condition 35: Emission Point Definition By Emission Unit**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 35.1(From Mod 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



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NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00002  
Height (ft.): 25 Diameter (in.): 24  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00003  
Height (ft.): 25 Diameter (in.): 24  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00004  
Height (ft.): 25 Diameter (in.): 24  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00005  
Height (ft.): 25 Diameter (in.): 24  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00006  
Height (ft.): 25 Diameter (in.): 24  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00007  
Height (ft.): 25 Diameter (in.): 12  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00013  
Height (ft.): 25 Diameter (in.): 12  
NYTMN (km.): 4510.419 NYTME (km.): 635.99 Building: HDQ

Emission Point: 00014  
Height (ft.): 25 Diameter (in.): 24  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00015  
Height (ft.): 31 Diameter (in.): 24  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00016  
Height (ft.): 31 Diameter (in.): 24  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

**Item 35.2(From Mod 1):**

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

Emission Unit: 3-CADPL



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Emission Point: 00008  
Height (ft.): 36 Diameter (in.): 32  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00009  
Height (ft.): 36 Diameter (in.): 20  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00010  
Height (ft.): 36 Diameter (in.): 6  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

**Item 35.3(From Mod 1):**

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

Emission Unit: 4-0ACID

Emission Point: 00011  
Height (ft.): 36 Diameter (in.): 20  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

Emission Point: 00012  
Height (ft.): 36 Diameter (in.): 32  
NYTMN (km.): 4510.642 NYTME (km.): 636.023 Building: HDQ

**Item 35.4(From Mod 1):**

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

Emission Unit: 5-PLNT2

Emission Point: 00101  
Height (ft.): 26 Diameter (in.): 24  
NYTMN (km.): 4510.526 NYTME (km.): 636.133 Building: 155

Emission Point: 00102  
Height (ft.): 26 Diameter (in.): 24  
NYTMN (km.): 4510.511 NYTME (km.): 636.108 Building: 155

Emission Point: 00103  
Height (ft.): 26 Diameter (in.): 24  
NYTMN (km.): 4510.526 NYTME (km.): 636.117 Building: 155

**Condition 36: Process Definition By Emission Unit**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

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**Item 36.1(From Mod 1):**

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

Emission Unit: 1-PAINT

Process: CC1

Source Classification Code: 4-02-025-01

Process Description:

COMPLIANT COATINGS ARE APPLIED TO  
AEROSPACE PARTS IN SEVEN SPRAY BOOTHS.  
AFTER AIR DRYING, MOST PARTS ARE DRIED IN  
AN OVEN.

Emission Source/Control: PSB05 - Control

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: PSB10 - Control

Control Type: MAT OR PANEL FILTER

Emission Source/Control: PSB11 - Control

Control Type: MAT OR PANEL FILTER

Emission Source/Control: OPSOV - Process

Emission Source/Control: PSOV1 - Process

Emission Source/Control: PSOV2 - Process

**Item 36.2(From Mod 1):**

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

Process Description:

VAPOR DEGREASING OF AEROSPACE PARTS USING  
PERCHLOROETHYLENE AS WORKING SOLVENT.  
EMISSION UNIT CONSISTS OF TWO VAPOR



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DEGREASER VAPOR ENGINEERING MODEL VDS-84C, LOCATED IN A DRAFT FREE ROOM, NON-VENTED (NO PHYSICAL EMISSION POINT). THE FOLLOWING CONTROLS ARE EMPLOYED 1) FREEBOARD CHILLER, 2) FREEBOARD RATIO (=1.0), 3) WORKING MODE COVER, 4) PARTS RATE OF REMOVAL CONTROLLED AT <8 FPM, 5) REDUCED ROOM DRAFT, 6) OPERATOR TRAINING AND CERTIFICATION, 7) ON DELAY TIMER FOR SUMP HEATERS, 8) OFF DELAY TIMER FOR FREEBOARD CHILLER, 9) NO LIP EXHAUST.

Emission Source/Control: VD001 - Process

Emission Source/Control: VD002 - Process

**Item 36.3(From Mod 1):**

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

Process Description:

CADMIUM PLATING OF STEEL AEROSPACE PARTS USING CAUSTIC CYANIDE SOLUTIONS.

Emission Source/Control: 00CAD - Process

**Item 36.4(From Mod 1):**

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

Process Description:

CADMIUM PLATING OF STEEL AEROSPACE PARTS USING CAUSTIC CYANIDE SOLUTIONS CONTAINING TITANIUM PASTE ADDITIVE (PATENTED BOEING PROCESS).

Emission Source/Control: TICAD - Process

**Item 36.5(From Mod 1):**

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

Process Description:

CADMIUM PLATING OF STEEL AEROSPACE PARTS

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USING CAUSTIC CYANIDE SOLUTIONS WITH  
BRIGHTENING AGENTS ADDED.

Emission Source/Control: BRCAD - Process

**Item 36.6(From Mod 1):**

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

Process Description:

CADMIUM PLATING OF STEEL AEROSPACE PARTS  
USING CAUSTIC CYANIDE SOLUTIONS AT HIGH  
CURRENT DENSITIES.

Emission Source/Control: HCDCD - Process

**Item 36.7(From Mod 1):**

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

Process Description:

COPPER PLATING OF STEEL AEROSPACE PARTS  
FOR MASKOFF PRIOR TO HEAT TREATING.

Emission Source/Control: 0CUPL - Process

**Item 36.8(From Mod 1):**

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

Process Description:

COPPER STRIPPING OF STEEL AEROSPACE PARTS  
AFTER HEAT TESTING (NO ELECTRIC CURRENT).

Emission Source/Control: 0CUST - Process

**Item 36.9(From Mod 1):**

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

Process Description:

CAUSTIC ALKALINE CLEANING OF STEEL  
AEROSPACE PARTS PRIOR TO EITHER COPPER OR

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**CADMIUM PLATING.**

Emission Source/Control: CNALK - Process

**Item 36.10(From Mod 1):**

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

Process Description:

OVEN USED FOR MODERATE TEMPERATURE STRESS  
RELIEF OF PLATED STEEL PARTS.

Emission Source/Control: CDPLO - Process

**Item 36.11(From Mod 1):**

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

Process Description: ALKALINE CLEANING OF NON-FERROUS AEROSPACE PARTS.

Emission Source/Control: ACALK - Process

**Item 36.12(From Mod 1):**

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

Process Description: ACID PICKLING OF ALUMINUM AEROSPACE PARTS.

Emission Source/Control: AETCH - Process

**Item 36.13(From Mod 1):**

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

Process Description: ACID PICKLING OF TITANIUM PARTS.

Emission Source/Control: TETCH - Process

**Item 36.14(From Mod 1):**

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



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Process Description: ACID BASED NICKEL PLATING.

Emission Source/Control: NISPL - Process

**Item 36.15(From Mod 1):**

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

Process Description:

SULFURIC ACID ANODIZING OF ALUMINUM  
AEROSPACE PARTS.

Emission Source/Control: SANOD - Process

**Item 36.16(From Mod 1):**

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

Process Description:

SEALING OF NEWLY ANODIZED ALUMINUM  
AEROSPACE PARTS.

Emission Source/Control: CR03S - Process

Emission Source/Control: DCR3S - Process

**Item 36.17(From Mod 1):**

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

Process Description:

CHROMIC ACID ANODIZING OF ALUMINUM  
AEROSPACE PARTS.

Emission Source/Control: CANOD - Process

**Item 36.18(From Mod 1):**

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

Process Description:

BORIC-SULFURIC ANODIZING OF ALUMINUM  
AEROSPACE PARTS

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Emission Source/Control: BSAND - Process

**Item 36.19(From Mod 1):**

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

Process Description:

BORIC-SULFURIC ANODIZING OF ALUMINUM  
AEROSPACE PARTS.

Emission Source/Control: BSAN2 - Process

**Item 36.20(From Mod 1):**

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

Process Description:

SEALING OF NEWLY ANODIZED ALUMINUM  
AEROSPACE PARTS.

Emission Source/Control: DCR32 - Process

**Item 36.21(From Mod 1):**

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

Process Description: ACID PICKLING OF ALUMINUM AEROSPACE PARTS.

Emission Source/Control: AETC2 - Process

**Item 36.22(From Mod 1):**

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

Process Description: ACID PICKLING OF TITANIUM AEROSPACE PARTS.

Emission Source/Control: TETC2 - Combustion

**Item 36.23(From Mod 1):**

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

Emission Unit: 5-PLNT2



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Process: DC5

Source Classification Code: 3-09-011-02

Process Description: NITRIC ACID ETCH OF AEROSPACE PARTS.

Emission Source/Control: HNO32 - Process

**Item 36.24(From Mod 1):**

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

Process Description: ALKALINE CLEANING OF AEROSPACE PARTS.

Emission Source/Control: ACAL2 - Process

**Item 36.25(From Mod 1):**

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

Process Description:

CYANIDE, ACID, AND PENETRANT RINSES AND  
SETTLING TANKS. WASTE STREAMS FROM  
PROCESSES IN BUILDINGS 155 AND 165 ARE  
TREATED BY ULTRAFILTRATION, METALS  
PRECIPITATION, PH ADJUST, CHROME REDUCTION,  
AND REVERSE OSMOSIS. THE PROCESS MAY BE  
SUBJECT TO HAZARDOUS WASTE REGULATION.

Emission Source/Control: FILTR - Process

**Condition 38: Compliance Certification**

**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 38.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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**Monitoring Description:**

Operators of all paint spray booths must periodically monitor the booths and the accompanying particulate control device(s) by completing the following tasks 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 when a problem is noted, i.e., at a time other than during the weekly inspection, it must be immediately remedied.

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 1/30/2002.

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

**Condition 39: Volatile organic compound emission control requirements Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable Federal Requirement: 6NYCRR 228.3(a)**

**Item 39.1:**

This Condition applies to Emission Unit: 1-PAINT

**Item 39.2:**

No person shall cause or allow the usage of coatings that exceed the allowable pounds of volatile organic compounds per gallon, minus water and excluded VOC at application, as specified in table 1 and table 2 of Part 228, unless an approved coating system or approved control equipment is utilized or a variance has been granted.

In the absence of an approved coating system, approved control equipment or a variance, surface coating



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of only those materials specified in conditions of this permit citing Tables 1 and 2 in Sections 228.7 and 228.8 shall be allowed.

**Condition 40: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable Federal Requirement: 6NYCRR 228.4**

**Item 40.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

**Item 40.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 41: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 41.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

**Item 41.2:**

Compliance Certification shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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

**Condition 42: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable Federal Requirement: 6NYCRR 228.8**

**Item 42.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Maskants used to coat aerospace components for chemical processing may contain a maximum of 5.1 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PAINT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 5.1 pounds per gallon

Reference Test Method: Method 24 (40CFR60)



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Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 43: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable Federal Requirement: 6NYCRR 228.8**

**Item 43.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

Primers used to coat aerospace components may contain a maximum of 2.9 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PAINT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 2.9 pounds per gallon

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 44: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable Federal Requirement: 6NYCRR 228.8**

**Item 44.1:**

The Compliance Certification activity will be performed for:



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Emission Unit: 1-PAINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Topcoats used to coat aerospace components may contain a maximum of 5.1 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PAINT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 5.1 pounds per gallon

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 45: Compliance Certification**

**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 45.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 45.2:**

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



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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, 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 1/30/2002.

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

**Condition 46: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 46.1:**

The Compliance Certification activity will be performed for:

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**Item 46.2:**

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 1/30/2002.  
Subsequent reports are due every 6 calendar month(s).

**Condition 47: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 47.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

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

**Item 47.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

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



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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 1/30/2002.

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

**Condition 48: Compliance Certification**

**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 48.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 48.2:**

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



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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 1/30/2002.

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

**Condition 49: Compliance Certification**

**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 49.2:**

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 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.



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Monitoring Frequency: SINGLE OCCURRENCE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2002.  
Subsequent reports are due every 6 calendar month(s).

**Condition 50: Compliance Certification**  
**Effective between the dates of 01/01/2002 and 12/16/2006**

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

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

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

**Item 50.2:**

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 1/30/2002.  
Subsequent reports are due every 6 calendar month(s).

**Condition 51: Work practice standards for batch vapor degreasers**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 51.1:**

This Condition applies to Emission Unit: 2-000VD

**Item 51.2:**

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

1. Air disturbances across the cleaning machine shall be controlled by either using an idling mode cover or reduced room draft.
2. The parts baskets or the parts being cleaned in an open-top batch vapor cleaning machine shall not occupy more than 50% of the solvent/air interface area unless the parts are introduced at a speed of 3 feet per minute or less.
3. All spraying operations are to be done within the vapor zone.
4. Orient parts so that solvent drains freely from them. Parts with holes shall be tipped or rotated before being removed.
5. Parts or parts baskets are not to be removed until dripping has stopped.
6. During startup of vapor machines, the primary condenser shall be turned on before the sump heater.
7. During shutdown of vapor machines, the sump heater shall be turned off before the primary condenser.
8. Solvent shall be transferred to and from machines using leakproof couplings and submerged filling.
9. Equipment shall be operated per manufacturer's specifications.
10. Each operator shall be able to pass the applicable sections of the test of solvent cleaning operating procedures in Appendix A of this subpart.
11. Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers.
12. Sponges, fabric, wood and paper products are not to be cleaned.

**Condition 52: Compliance Certification**

**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 52.1:**

The Compliance Certification activity will be performed for:



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Regulated Contaminant(s):

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**Item 52.2:**

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 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 1/30/2002.

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

**Condition 53: Compliance Certification**

**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 53.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 53.2:**

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).

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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 1/30/2002.

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

**Condition 54: Compliance Certification**

**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 54.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 54.2:**

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



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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 rests 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 1/30/2002.

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

**Condition 55: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 55.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 55.2:**

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

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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 1/30/2002.

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

**Condition 56: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 56.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 56.2:**

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

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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 1/30/2002.

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

**Condition 57: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 57.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

**Item 57.2:**

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:

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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 1/30/2002.

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

**Condition 58: Exceedance report**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 58.1:**

This Condition applies to Emission Unit: 2-000VD

Item 58.2: Each owner or operator of a batch vapor or in-line solvent cleaning machine shall submit an exceedance report to the Administrator semiannually except when, the Administrator determines on a case-by-case basis that more frequent reporting is necessary to accurately assess the compliance status of the source or, an exceedance occurs. Once an exceedance has occurred the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency under 40CFR 63.468(i) is approved. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. The exceedance report shall include the applicable information in paragraphs (1) through (3) of this condition.

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

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

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

**Condition 59: Reduction in submission frequency of exceedance report**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

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**Item 59.1:**

This Condition applies to Emission Unit: 2-000VD

Item 59.2: An owner or operator who is required to submit an exceedance report on a quarterly (or more frequent) basis may reduce the frequency of reporting to semiannual if the conditions in paragraphs (1) through (3) of this condition are met.

- (1) The source has demonstrated a full year of compliance without an exceedance.
- (2) The owner or operator continues to comply with all relevant recordkeeping and monitoring requirements specified in 40CFR 63, Subpart A (General Provisions) and in 40CFR 63, Subpart T.
- (3) The Administrator does not object to a reduced frequency of reporting for the affected source as provided in 40CFR 63.10(e)(3)(iii).

**Condition 60: Part 63 General Provisions requirements**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 60.1:**

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

**Item 60.2:**

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 61: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 61.1:**

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 61.2:**

Compliance Certification shall include the following monitoring:

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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 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 1/30/2002.

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

**Condition 62: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

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**Item 62.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

**Item 62.2:**

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

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reference into the source's title V permit, if and when a title V permit is required. The plan shall include the information found in 40CFR63.342(f)(3)(i)(A) through (E).

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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

**Condition 63: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 63.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

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Regulated Contaminant(s):

CAS No: 007440-47-3      CHROMIUM

**Item 63.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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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



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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 64: Compliance Certification**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 64.1:**

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 64.2:**

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,



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- 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 1/30/2002.

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

**Condition 65: Reporting Requirements**

**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 65.1:**

This Condition applies to Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

**Item 65.2:**

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.



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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 66: Ongoing compliance status reports for area sources  
Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 66.1:**

This Condition applies to Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

**Item 66.2:**

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



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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 67: Exceedance Report Requirements**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

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

**Item 67.1:**

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

**Item 67.2:**

- 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 1-7: Contaminant List**  
**Effective between the dates of 09/20/2004 and 12/16/2006**

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

**Item 1-7.1:**

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



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

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 000057-12-5

Name: CYANIDE

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007664-93-9

Name: SULFURIC ACID

CAS No: 0NY998-00-0

Name: VOC

**Condition 1-8: Unavoidable noncompliance and violations**  
**Effective between the dates of 09/20/2004 and 12/16/2006**

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

**Item 1-8.1:**

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



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**Facility DEC ID: 1472001919**

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 70: Air pollution prohibited**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 70.1:**

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.

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

**Condition 71: Compliance Demonstration**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable State Requirement: 6NYCRR 212.9(b)**

**Item 71.1:**

The Compliance Demonstration activity will be performed for:



**New York State Department of Environmental Conservation**

**Permit ID: 1-4720-01919/00001**

**Facility DEC ID: 1472001919**

Emission Unit: 3-CADPL Emission Point: 00008

Regulated Contaminant(s):

CAS No: 000057-12-5 CYANIDE

**Item 71.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The permittee must submit a report of an emission test for emissions of cyanides from this emission point before or with the application to renew the operating permit or modify the operating permit with regards to this emission point.

The test must be performed according to a protocol submitted to the Department at least 60 days before sampling begins. The protocol must follow USEPA Method 301 (40 CFR 63, Appendix A) procedures for field validation of the method(s) or use Method 301 validated methods or promulgated USEPA Test Methods. The cyanide results must be for total cyanide compounds quantified as cyanide ions (CN).

Cyanide is listed in Division of Air Resources Guideline DAR-1 as a highly toxic compound. It has therefore been assigned an A rating for Part 212 review. Emissions below the 1.0 pound per hour level result in short-term ambient concentrations approximately 30% of the short-term guideline concentration in DAR-1 of 380 micrograms per cubic meter. Therefore no emission controls are required.

Upper Permit Limit: 1.0 pounds per hour

Reference Test Method: Method 301

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 72: Compliance Demonstration**  
**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable State Requirement: 6NYCRR 212.9(b)**

**Item 72.1:**

The Compliance Demonstration activity will be performed for:

**New York State Department of Environmental Conservation**

**Permit ID: 1-4720-01919/00001**

**Facility DEC ID: 1472001919**



Emission Unit: 4-0ACID Emission Point: 00012

Regulated Contaminant(s):

CAS No: 007664-93-9 SULFURIC ACID

**Item 72.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The sulfuric acid emission rate potential for this emission point (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 CFR60 Method 8

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 73: Compliance Demonstration**

**Effective between the dates of 12/17/2001 and 12/16/2006**

**Applicable State Requirement: 6NYCRR 212.9(b)**

**Item 73.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 5-PLNT2 Emission Point: 00101

Process: DC1

Regulated Contaminant(s):

CAS No: 007664-93-9 SULFURIC ACID

**Item 73.2:**

**New York State Department of Environmental Conservation**

**Permit ID: 1-4720-01919/00001**

**Facility DEC ID: 1472001919**



Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The sulfuric acid emission rate potential for this emission point (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.

Upper Permit Limit: 0.70 pounds per hour

Reference Test Method: 40 CFR60 Method 8

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE