

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
Effective Date: 07/31/2007 Expiration Date: 07/30/2012

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

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

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

Description:

Lawrence Ripak facility performs nondestructive testing, surface finishing, and surface coating of aerospace parts. The facility consists of two buildings, the headquarters (building HDQ) located at 165 Field Street, and adjacent Plant 2 (building 155) 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 conducts 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 number 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 the 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 governed 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 the

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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
 NYSDEC - SUNY @ STONY BROOK
 50 CIRCLE RD
 STONY BROOK, NY 11790-3409

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of Applications for Permit Modification or Renewal -REGION 4
HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 1
HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:



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

Item 4.1:

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

Item 4.2:

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

Item 4.3:

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

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

Item 5.1:

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

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

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

Item 6.1:

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

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;

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

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

Condition 7: Submission of Applications for Permit Modification or Renewal -REGION 4 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 7.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1150 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

Condition 8: Submission of application for permit modification or renewal-REGION 1 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 8.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409
(631) 444-0365



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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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

Permit Effective Date: 07/31/2007

Permit Expiration Date: 07/30/2012



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

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

Emission Unit Level

- 25 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 26 6NYCRR 201-6: Process Definition By Emission Unit

EU=1-PAINT

- 27 6NYCRR 200.7: Compliance Certification
- 28 6NYCRR 228.3(a): Recordkeeping, Reports of VOCs - EU Level
- 29 6NYCRR 228.5(a): Compliance Certification
- 30 6NYCRR 228.8: Compliance Certification
- 31 6NYCRR 228.8: Compliance Certification
- 32 6NYCRR 228.8: Compliance Certification

EU=2-000VD

- 33 40CFR 63.463(a), Subpart T: Compliance Certification
- 34 40CFR 63.463(a), Subpart T: Compliance Certification

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

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

- 47 40CFR 63.340(b), Subpart N: Part 63 General Provisions requirements
- 48 40CFR 63.342(d)(2), Subpart N: Compliance Certification
- 49 40CFR 63.342(f), Subpart N: Compliance Certification
- 50 40CFR 63.346(a), Subpart N: Compliance Certification
- 51 40CFR 63.346(b), Subpart N: Compliance Certification
- 52 40CFR 63.347(a), Subpart N: Reporting Requirements
- 53 40CFR 63.347(h), Subpart N: Ongoing compliance status reports for
area sources
- 54 40CFR 63.347(h)(2), Subpart N: Exceedance Report Requirements

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 55 ECL 19-0301: Contaminant List
- 56 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 57 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

EU=3-CADPL,EP=00008

- 58 6NYCRR 212.9(b): Compliance Demonstration

EU=4-0ACID,EP=00012

- 59 6NYCRR 212.9(b): Compliance Demonstration

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

- 60 6NYCRR 212.9(b): Compliance Demonstration



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Emergency Defense - 6NYCRR Part 201-1.5

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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order to maintain compliance with the conditions of this permit.

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

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

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

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

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

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

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

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Act;

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

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

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

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

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

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

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

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

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



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

Item L: Permit Exclusion - ECL 19-0305

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

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

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

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 200.6

Item 1.1:

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



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

Condition 2: Fees

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 2.1:

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

Condition 3: Recordkeeping and reporting of compliance monitoring

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 3.1:

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

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

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

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

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 4.1:

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



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

Condition 5: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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

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

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

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

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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following:

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2



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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 1/30/2008.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emission statements shall be submitted on or before April
15th each year for emissions of the previous calendar
year.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 07/31/2007 and 07/30/2012



Applicable Federal Requirement: 6NYCRR 202-2.5

Item 8.1:

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

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

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 215

Item 9.1:

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

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

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

Condition 10: Maintenance of Equipment
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage
Effective between the dates of 07/31/2007 and 07/30/2012

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Applicable Federal Requirement: 6NYCRR 201-1.7

Item 11.1:

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

Condition 22: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 22.1:

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

Condition 12: Exempt Sources - Proof of Eligibility
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 12.1:

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

Condition 13: Trivial Sources - Proof of Eligibility
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 13.1:

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

Condition 14: Standard Requirement - Provide Information



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

Item 14.1:

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

Condition 15: General Condition - Right to Inspect

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 15.1:

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

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 16: Standard Requirements - Progress Reports

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 16.1:

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

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



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

Condition 17: Off Permit Changes
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 17.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

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

Condition 18: Required Emissions Tests
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 18.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 19: Visible Emissions Limited
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 211.3

Item 19.1:



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

Condition 20: Accidental release provisions.
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 40CFR 68

Item 20.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

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

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

Condition 21: Recycling and Emissions Reduction
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 21.1:

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

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

Condition 23: Emission Unit Definition



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Applicable Federal Requirement: 6NYCRR 201-6

Item 23.1:

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.

Building(s): HDQ

Item 23.2:

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

Emission Unit: 2-000VD

Emission Unit Description:

Vapor degreasing operation.

Building(s): HDQ

Item 23.3:

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

Emission Unit: 3-CADPL

Emission Unit Description:

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

Building(s): HDQ

Item 23.4:

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

Emission Unit: 4-0ACID

Emission Unit Description:

Acid based cleaning and anodizing of aerospace parts.

Building(s): HDQ

Item 23.5:

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



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Emission Unit: 5-PLNT2

Emission Unit Description:

Acid based cleaning and sulfuric acid anodizing of aerospace parts

Building(s): 155

Condition 24: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 228.4

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 24.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: METHOD 9

Monitoring Frequency: DAILY

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

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

**Condition 25: Emission Point Definition By Emission Unit
Effective between the dates of 07/31/2007 and 07/30/2012**

Applicable Federal Requirement: 6NYCRR 201-6

Item 25.1:

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

Emission Unit: 1-PAINT

Emission Point: 00001

Height (ft.): 25

Diameter (in.): 24

NYTMN (km.): 4510.642 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



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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 25.2:

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

Emission Unit: 3-CADPL

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 25.3:

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 25.4:

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



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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 26: Process Definition By Emission Unit
Effective between the dates of 07/31/2007 and 07/30/2012**

Applicable Federal Requirement: 6NYCRR 201-6

Item 26.1:

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: PSOVI - Process



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Emission Source/Control: PSOV2 - Process

Item 26.2:

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

Emission Unit: 2-000VD

Process: DEG

Source Classification Code: 4-01-002-53

Process Description:

Vapor degreasing of aerospace parts using perchloroethylene as working solvent. Emission unit consists of two vapor 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 26.3:

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

Emission Unit: 3-CADPL

Process: CN1

Source Classification Code: 3-09-010-52

Process Description:

Cadmium plating of steel aerospace parts using caustic cyanide solutions.

Emission Source/Control: 00CAD - Process

Item 26.4:

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

Emission Unit: 3-CADPL

Process: CN2

Source Classification Code: 3-09-010-52

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 26.5:



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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 using caustic cyanide solutions with brightening agents added.

Emission Source/Control: BRCAD - Process

Item 26.6:

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

Emission Unit: 3-CADPL

Process: CN4

Source Classification Code: 3-09-010-52

Process Description:

Cadmium plating of steel aerospace parts using caustic cyanide solutions at high current densities.

Emission Source/Control: HCDCD - Process

Item 26.7:

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

Emission Unit: 3-CADPL

Process: CN5

Source Classification Code: 3-09-010-42

Process Description:

Copper plating of steel aerospace parts for maskoff prior to heat treating.

Emission Source/Control: 0CUPL - Process

Item 26.8:

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

Emission Unit: 3-CADPL

Process: CN6

Source Classification Code: 3-09-010-42

Process Description:

Copper stripping of steel aerospace parts after heat testing (no electric current).

Emission Source/Control: 0CUST - Process

Item 26.9:

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

Emission Unit: 3-CADPL



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Process: CN7

Source Classification Code: 3-09-011-01

Process Description:

Caustic alkaline cleaning of steel aerospace parts prior to either copper or cadmium plating.

Emission Source/Control: CNALK - Process

Item 26.10:

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

Emission Unit: 3-CADPL

Process: CN8

Source Classification Code: 3-09-010-97

Process Description:

Oven used for moderate temperature stress relief of plated steel parts.

Emission Source/Control: CDPLO - Process

Item 26.11:

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

Emission Unit: 4-0ACID

Process: AC1

Source Classification Code: 3-09-011-01

Process Description: Alkaline cleaning of non-ferrous aerospace parts.

Emission Source/Control: ACALK - Process

Item 26.12:

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

Emission Unit: 4-0ACID

Process: AC2

Source Classification Code: 3-09-011-02

Process Description: Acid pickling of aluminum aerospace parts.

Emission Source/Control: AETCH - Process

Item 26.13:

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

Emission Unit: 4-0ACID

Process: AC3

Source Classification Code: 3-09-011-02

Process Description: Acid pickling of titanium parts.

Emission Source/Control: TETCH - Process

Item 26.14:



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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

Process Description: Acid based nickel plating.

Emission Source/Control: NISPL - Process

Item 26.15:

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

Emission Unit: 4-0ACID

Process: AC5

Source Classification Code: 3-09-011-03

Process Description:

Sulfuric acid anodizing of aluminum aerospace parts.

Emission Source/Control: SANOD - Process

Item 26.16:

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

Emission Unit: 4-0ACID

Process: AC6

Source Classification Code: 3-09-011-99

Process Description:

Sealing of newly anodized aluminum aerospace parts.

Emission Source/Control: CR03S - Process

Emission Source/Control: DCR3S - Process

Item 26.17:

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

Emission Unit: 4-0ACID

Process: AC7

Source Classification Code: 3-09-011-03

Process Description:

Chromic acid anodizing of aluminum aerospace parts.

Emission Source/Control: CANOD - Process

Item 26.18:

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



New York State Department of Environmental Conservation

Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919

Emission Unit: 4-0ACID

Process: AC8

Source Classification Code: 3-09-011-03

Process Description:

Boric-sulfuric anodizing of aluminum aerospace parts

Emission Source/Control: BSAND - Process

Item 26.19:

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 26.20:

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 26.21:

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 26.22:

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 - Process



New York State Department of Environmental Conservation

Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919

Item 26.23:

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

Emission Unit: 5-PLNT2

Process: DC5

Source Classification Code: 3-09-011-02

Process Description: Nitric acid etch of aerospace parts.

Emission Source/Control: HNO32 - Process

Item 26.24:

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 26.25:

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 27: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 200.7

Item 27.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 27.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 28: Recordkeeping, Reports of VOCs - EU Level
Effective between the dates of 07/31/2007 and 07/30/2012**

Applicable Federal Requirement: 6NYCRR 228.3(a)

Item 28.1:

This Condition applies to Emission Unit: 1-PAINT

Item 28.2: Use of coatings that exceed the maximum permitted pounds of VOC per gallon, minus water and excluded VOC at application specified in table 1 of section 228.7 or table 2 of section 228.8 of 6 NYCRR Part 228 is prohibited.

**Condition 29: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012**

New York State Department of Environmental Conservation

Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919



Applicable Federal Requirement: 6NYCRR 228.5(a)

Item 29.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 30: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 228.8

Item 30.1:



New York State Department of Environmental Conservation

Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 30.2:

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. Facility should use MSDS data from the supplier for the calculation of VOC content in every batch of process material.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: PRIMER

Parameter Monitored: VOC

Upper Permit Limit: 2.9 pounds per gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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 1/30/2008.

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

Condition 31: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 228.8

Item 31.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 31.2:



New York State Department of Environmental Conservation

Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Masking agent 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. Facility should use MSDS data from the supplier for the calculation of VOC content in every batch of process material.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC

Upper Permit Limit: 5.1 pounds per gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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 1/30/2008.

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

Condition 32: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable Federal Requirement: 6NYCRR 228.8

Item 32.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-PAINT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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



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excluded VOC) as applied. Facility should use MSDS data from the supplier for the calculation of VOC content in every batch of process material.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: PAINT
Parameter Monitored: VOC
Upper Permit Limit: 5.1 pounds per gallon
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE
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 1/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 33.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

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

Item 33.2:

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



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Permit ID: 1-4720-01919/00001

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 34: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 34.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator of a solvent cleaning machine subject to Subpart T of 40CFR63 shall ensure that each existing or new batch vapor or in-line solvent cleaning machine is designed with an idling and downtime mode cover, as described in 40CFR63.463(d)(1)(i), that may be readily opened or closed, that completely covers the cleaning machine openings when in place, and is free of cracks, holes, and other defects.

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

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 35: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

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Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919



Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 35.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each owner/operator of a solvent cleaning machine subject to Subpart T of 40CFR63 shall ensure that each existing or new batch vapor or in-line solvent cleaning machine is designed so that the flow or movement of air across the top of the freeboard area of the solvent cleaning machine or within the solvent cleaning machine enclosure does not exceed 15.2 meters per minute (50 ft/min) at any time as measured using the procedures in 40CFR63.466(d).

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

Parameter Monitored: AIR FLOW

Upper Permit Limit: 50 feet per minute

Monitoring Frequency: WEEKLY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 36: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD



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Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919

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

Item 36.2:

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.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

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

Item 37.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

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

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

If an exceedance occurs during the quarterly monitoring, 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 1/30/2008.

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

Condition 38: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012



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Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919

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

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 38.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each owner 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 1/30/2008.

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

Condition 39: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

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Facility DEC ID: 1472001919



CAS No: 0NY100-00-0 HAP

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each 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 three (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 leak proof couplings and submerged filling.
- 9) Equipment(s) shall be operated per manufacturer's specification.
- 10) Each operator shall be able to pass the applicable sections of the solvent cleaning operating procedures in Appendix A of this subpart
- 11) Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers.
- 12) Sponges, fabric, wood, and paper products are not to be cleaned.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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



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Condition 40: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 40.2:

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)



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Permit ID: 1-4720-01919/00001

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 41: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 41.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

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

2) Establish and maintain the operating conditions under 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

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following monitoring procedure:

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

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

Parameter Monitored: AIR FLOW

Upper Permit Limit: 15.2 meters per minute

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 42: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 42.2:

Compliance Certification shall include the following monitoring:

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Permit ID: 1-4720-01919/00001

Facility DEC ID: 1472001919



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

The owner/operator shall also maintain records of the 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 1/30/2008.

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

Condition 43: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

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Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 44: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-000VD

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 44.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 45: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 46: Reduction in submission frequency of exceedance report
Effective between the dates of 07/31/2007 and 07/30/2012**

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

Item 46.1:

This Condition applies to Emission Unit: 2-000VD

Item 46.2: 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 47: Part 63 General Provisions requirements
Effective between the dates of 07/31/2007 and 07/30/2012**



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

Item 47.1:

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

Item 47.2:

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 48: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 48.1:

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 48.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Compliance shall be determined according to the methods and schedule in 40 CFR §63.343(c)(5)(ii). The schedule provides for measuring the surface tension up to once every four hours of operation during the first 40 hours of tank operation after the compliance date. Once there are no exceedances during 40 hours of tank operation, surface



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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 1/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 49.1:

The Compliance Certification activity will be performed for:

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

Item 49.2:

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

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pollution control practices at all times (including during startups, shutdowns, and malfunctions). Malfunctions shall be corrected as soon as practicable. Operation and maintenance requirements established under section 112 of the Act are enforceable independent of emissions limitations or other requirements in relevant standards.

2) Determination of whether the operation and maintenance procedures are acceptable will be based on information available to the Administrator which may include, but is not limited to, monitoring results; review of the operation and maintenance plan, procedures, and records; and inspection of the source. Based on the results of this determination, the Administrator may require that the operation and maintenance plan be revised. Revisions may be required if it is found that the plan does not 1) address a malfunction that has occurred, 2) provide for the operation of the affected source, the air pollution control techniques, or the control system and process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices, or 3) provide adequate procedures for correcting malfunctioning process equipment, air pollution control techniques, or monitoring equipment as quickly as practicable.

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

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

If actions taken by the owner/operator during periods of malfunction are inconsistent with the O/M plan, the actions taken shall be recorded and reported by phone



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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 1/30/2008.

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

Condition 50: Compliance Certification

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Subpart A requirements are specified in Table 1 to Subpart



N. They are listed as follows:

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

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

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

63.10(a)(6): If an owner or operator supervises one or more stationary sources affected by more than one standard established pursuant to section 112 of the Act, he/she may arrange by mutual agreement between the owner or operator and the Administrator (or the State permitting authority) a common schedule on which periodic reports required for

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each source shall be submitted throughout the year. The allowance in the previous sentence applies in each State beginning 1 year after the latest compliance date for any relevant standard established pursuant to section 112 of the Act for any such affected source(s). Procedures governing the implementation of this provision are specified in §63.9(i).

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 51: Compliance Certification
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 51.1:

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 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- (1) Records of all maintenance performed on the affected source, the add-on air pollution control device, and monitoring equipment;
- (2) Records of the occurrence, duration, and cause (if known) of each malfunction of process, add-on air pollution control, and monitoring equipment;
- (3) Records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan;
- (4) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan required by §63.342(f)(3);
- (5) Records of monitoring data required by §63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected;
- (6) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment;
- (7) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process,

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- 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 1/30/2008.

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

Condition 52: Reporting Requirements
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 52.1:

This Condition applies to Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

Item 52.2:

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

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

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

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

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

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

Condition 53: Ongoing compliance status reports for area sources
Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 53.1:



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This Condition applies to Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

Item 53.2:

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

The report must contain the following information:

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

Condition 54: Exceedance Report Requirements

Effective between the dates of 07/31/2007 and 07/30/2012

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

Item 54.1:

This Condition applies to Emission Unit: 4-0ACID

Process: AC7

Emission Source: CANOD

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Item 54.2:

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 55: Contaminant List
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable State Requirement: ECL 19-0301

Item 55.1:

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 56: Unavoidable noncompliance and violations
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable State Requirement: 6NYCRR 201-1.4

Item 56.1:

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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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 57: Air pollution prohibited
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable State Requirement: 6NYCRR 211.2

Item 57.1:

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 58: Compliance Demonstration
Effective between the dates of 07/31/2007 and 07/30/2012

Applicable State Requirement: 6NYCRR 212.9(b)

Item 58.1:

The Compliance Demonstration activity will be performed for:



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Emission Unit: 3-CADPL Emission Point: 00008

Regulated Contaminant(s):

CAS No: 000057-12-5 CYANIDE

Item 58.2:

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 59: Compliance Demonstration

Effective between the dates of 07/31/2007 and 07/30/2012

Applicable State Requirement: 6NYCRR 212.9(b)

Item 59.1:

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 59.2:

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 60: Compliance Demonstration

Effective between the dates of 07/31/2007 and 07/30/2012

Applicable State Requirement: 6NYCRR 212.9(b)

Item 60.1:

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 60.2:

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