

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 9-1442-00040/02003
Effective Date:

Expiration Date:

Permit Issued To: MOOG INC
400 JAMISON RD
PO BOX 18
EAST AURORA, NY 14052-0018

Contact: JAKE STAPLES
MOOG INC
5990 SENECA STREET
ELMA, NY 14059
(716) 368-0766

Facility: MOOG INC
400 JAMISON RD
ELMA, NY 14059-0018

Description:

The facility specializes in the design and manufacture of high-performance motion control systems for military and commercial aircraft, satellites and space and defense hardware, industrial machinery, energy industry machinery, marine applications, and medical equipment. Processes pertinent to air emissions permitting include soldering, solvent metal cleaning, various surface coating operations, paint stripping, and a wastewater evaporator. This permit is Air Title V (ATV) permit, renewal 1, for the continued operational activities at six neighboring complexes located at 160-500 Jamison Road, 611 Jamison Road, 721 Conley Road, 6860 Seneca Street, 7060 Seneca Street, and 7661 Seneca Street. This ATV permit will replace the facility's existing significant permit modification, renewal 0 modification 1, issued on January 29, 2018, and incorporates the following:

- 1) Increase existing volatile organic compound (VOC) Reasonably Available Control Technology (RACT) limit under 6 NYCRR Subpart 226-1 – Solvent Cleaning Processes for solvent spray hoods.
- 2) New VOC RACT analysis and limit under 6 NYCRR Subpart 226-2 – Industrial Cleaning Solvents for facility-wide solvent cleaning processes.
- 3) New VOC RACT analysis and limit 6 NYCRR Subpart 228-2 – Commercial and Industrial Adhesives, Sealants and Primers for facility-wide surface preparation solvent usage.
- 4) Addition and removal of various emission points and sources.

The facility is subject to the ATV permitting requirements stated in 6 NYCRR Subpart 201-6 for major facilities. Most emission sources at the facility are exempt from permitting and/or small sources, however, the facility has a potential to emit (PTE) VOC greater than 50 tons per year making it applicable to ATV permitting requirements.

The facility has a total of eight (8) emission units, three of which are subject to federal air regulations and two are applicable to NYS RACT regulations as described below:

Facility DEC ID: 9144200040

0-00001: This emission unit consists of facility-wide combustion sources including emergency generators, boilers, furnaces, and stationary engines. The emergency generators are subject to non-delegated federal regulations including the following: 40 CFR 60 Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 60 Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, and 40 CFR 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants (NESHAP) for Reciprocating Internal Combustion Engines.

0-00005: This emission unit consists of non-electrolytic metal coating operation utilizing a chromate conversion coating plating line that contains the metal hazardous air pollutant (HAP), chromium. Two tanks employ non-electrolysis plating, the standards and management practices that apply to these tanks are found at 63.11507(g) of 40 CFR 63 Subpart WWWW – NESHAP: Area Source Standards for Plating and Polishing Operations.

0-00006: This emission unit consists of a coating line that contains three (3) spray booths and a dip tank that utilizes methylene chloride under a federal exemption for industrial or commercial use for paint and coating removal from safety-critical, corrosion-sensitive components of aircraft and spacecraft (40 CFR Part 751.109(a)(8)). The use of methylene chloride as a paint stripper causes the facility to be applicable to 40 CFR 63 Subpart HHHHHH – NESHAP: Paint Stripping & Miscellaneous Surface Coating Operations at Area Sources.

Coating lines at the facility are classified as miscellaneous metal parts (Class B) and aerospace (Class E), which are applicable to 6 NYCRR Subpart 228-1 – Surface Coating Processes. Facility-wide PTE VOC emissions are greater than 50 tons per year, making these coating lines subject to the VOC content limits in 6 NYCRR Subpart 228-1.4(b), Table B4 and Subpart 228-1.4(e), Table E. Due to military, aerospace, and/or government contractual requirements the facility utilizes certain coatings that exceed the VOC content limits, as specified. A re-evaluation of the facility's process specific RACT demonstration was submitted to New York State Department of Environmental Conservation (NYSDEC) on October 21, 2025, as required per 6 NYCRR Subpart 228-1.5(e). The process specific RACT demonstration successfully proved the facility's inability to use compliant coatings due to specific contractual requirements and the economic infeasibility of controlling VOC emissions from the coating lines.

0-00003: This emission unit is comprised of facility-wide processes with VOC emissions other than from any coating lines. This emission unit has multiple sources that are subject to NYS VOC RACT requirements as follows:

Customized solvent spray hoods in operation at the facility are used to clean high precision motion control parts and are regulated under Subpart 226-1. The spray hoods have an internal volume greater than two gallons and are categorized as cold cleaning degreasers, so the solvent utilized must meet the VOC content limit per 6 NYCRR Subpart 226-1.4(a)(4). The metal parts being degreased are used for aerospace applications but are also used by the Department of War for military vehicles, therefore the process does not qualify for the special and extreme solvent metal cleaning exemption under Subpart 226-1.4(a)(4)(i) for aerospace service, as defined under Subpart 226-1.2(b)(9)(i). The solvent used in the spray hoods is isopropyl alcohol (IPA) and it does not meet the VOC content limit, as specified. A re-evaluation of the facility's process specific RACT demonstration with a proposed VOC limit increase was submitted to NYSDEC on March 4, 2025, as required per Subpart 226-1.6. The process specific RACT demonstration successfully proved the facility's inability to use a compliant solvent due to the necessity of utilizing a solvent that does not leave a residue on parts and the economic infeasibility of controlling VOC emissions from the spray hoods.

The facility utilizes industrial cleaning solvents on multiple surfaces including production or aftermarket parts, electronic assemblies, and specified work surfaces and equipment. IPA is used as a cleaning solvent in most use cases, while a heavy-duty rosin flux remover is only utilized on

electronic printed circuit boards that require hand soldering and to remove flux from various pieces of equipment. The use of these industrial cleaning solvents can be attributed to manufacturer-specified cleaning of sensitive equipment used in the production of aerospace hardware (laminar flow cabinets, post-weld processing stations, and vacuum ovens) and the facility's technical need to not introduce aqueous or residue contamination to sensitive and safety-critical hardware. IPA and the heavy-duty rosin flux remover do not meet the VOC content limit per Subpart 226-2.3(b) or (c). An evaluation of the facility's process specific RACT demonstration was submitted to NYSDEC on October 21, 2025, as required per Subpart 226-2.4(a). The process specific RACT demonstration successfully proved the facility's inability to use a compliant industrial cleaning solvent in these processes due to the necessity of utilizing a solvent that does not leave a residue and/or moisture on parts and the economic infeasibility of controlling VOC emissions from the cleaning processes.

Prior to the application of chemical adhesives and/or sealants the facility utilizes IPA, and in limited cases, methyl propyl ketone (MPK), as surface preparation solvents, which is applicable to Subpart 228-2. The facility utilizes IPA as a surface preparation solvent based off manufacturer procedures, studies, and the facility's self-testing for its manufacturing processes to meet stringent customer specifications regarding adhesive bond strength. To ensure a reliable chemical bond, the facility utilizes MPK as a surface preparation solvent to provide increased sealant adhesion in the manufacturing of certain aircraft parts to meet customer specifications to prevent critical part failures. Neither IPA nor MPK meet the surface preparation VOC content limit per Subpart 228-2.4(b). An evaluation of the facility's process specific RACT demonstration was submitted to NYSDEC on October 21, 2025, as required per Subpart 228-2.4(e). The process specific RACT demonstration successfully proved the facility's inability to use a compliant surface preparation solvent due to the necessity of using a solvent that does not alter the bonding properties of an adhesive or sealant for critical hardware in aircraft, space, and defense applications as well as the economic infeasibility of controlling VOC emissions from the surface preparation process.

All process specific RACT demonstrations were completed in accordance with DAR-20: Economic and Technical Analysis for RACT.

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: LISA M CZECHOWICZ
NYSDEC - REGION 9
700 Delaware Ave
BUFFALO, NY 14209

Authorized Signature: _____ Date: ___ / ___ / _____

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

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Facility Level

- 7 5 Submission of application for permit modification or renewal-REGION 9 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 4: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 4.1:

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 6: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 6.1:

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 6.2:

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

Item 6.3

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

Item 8.1:

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

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

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

Condition 9: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 9.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
700 Delaware Ave.,
Buffalo, NY 14209
(716) 851-7130

Permit ID: 9-1442-00040/02003

Facility DEC ID: 9144200040

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: MOOG INC
400 JAMISON RD
PO BOX 18
EAST AURORA, NY 14052-0018

Facility: MOOG INC
400 JAMISON RD
ELMA, NY 14059-0018

Authorized Activity By Standard Industrial Classification Code:
3492 - FLUID POWER VALVES AND HOSE FITTINGS

Permit Effective Date:

Permit Expiration Date:

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- 49 47 6 NYCRR 228-2.4 (e): Compliance Certification

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- 51 48 40CFR 63.11507(e), Subpart WWWW: Compliance Certification
- 52 49 40CFR 63.11507(g), Subpart WWWW: Compliance Certification

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- 53 50 6 NYCRR 228-1.5 (e): Compliance Certification
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- 58 55 6 NYCRR 212-2.3 (a): Compliance Certification

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FEDERALLY ENFORCEABLE CONDITIONS
Renewal 1/DRAFT **** 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: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.
- Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (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 C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (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 D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (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 E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (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 F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)

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

Item G: Property Rights - 6 NYCRR 201-6.4 (a) (6)

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

Item H: Severability - 6 NYCRR 201-6.4 (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 I: Permit Shield - 6 NYCRR 201-6.4 (g)

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

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

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

Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of 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 the 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 section 201- 6.6 of this Subpart.

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item K: 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 L: 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 for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 200.6

Item 1.1:

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

- Condition 2: Fees
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 201-6.4 (a) (7)

Item 2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 201-6.4 (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 201-6.2 of Part 201.

**Condition 4: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)

Item 4.1:

The Compliance Certification activity will be performed for the Facility.

Item 4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a Title V facility must keep all records used to determine compliance with any applicable limit(s) and/or monitoring requirement(s) at the facility (or other Department approved location) for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 5: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy

shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 201-6.4 (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 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 annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Air Compliance Branch
 USEPA Region 2 DECA/ACB
 290 Broadway, 21st Floor
 New York, NY 10007

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
 NYSDEC Region 9 Headquarters
 700 Delaware Ave.,
 Buffalo, NY 14209

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 1/30/2027.
 Subsequent reports are due on the same day each year

Condition 7: Recordkeeping requirements
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 7.1:

- (a) The following records shall be maintained for at least five years:
- (1) a copy of each emission statement submitted to the department; and
 - (2) records indicating how the information submitted in the emission statement was determined,

including any calculations, data, measurements, and estimates used.

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

Condition 8: Open Fires - Prohibitions
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 215.2

Item 8.1:

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

Item 8.2

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

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

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

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

**Condition 9: Maintenance of Equipment
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 200.7

Item 9.1:

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

**Condition 10: Recycling and Salvage
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 10.1:

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

**Condition 11: Prohibition of Reintroduction of Collected Contaminants to
the air
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 11.1:

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

**Condition 12: Exempt Sources - Proof of Eligibility
Effective for entire length of Permit**

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

Item 12.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary

for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 13: Trivial Sources - Proof of Eligibility
Effective for entire length of Permit

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

Item 13.1:

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 14: Requirement to Provide Information
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-6.4 (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: Right to Inspect
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-6.4 (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: Required Emissions Tests
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 16.1:

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

**Condition 17: Accidental release provisions.
Effective for entire length of Permit**

Applicable Federal Requirement:40 CFR Part 68

Item 17.1:

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 18: Recycling and Emissions Reduction
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 82, Subpart F

Item 18.1:

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 19: Emission Unit Definition
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 19.1:

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

Emission Unit: 0-00001

Emission Unit Description:

Facility-wide combustion sources including emergency generators, boilers, furnaces, and stationary engines. All sources are exempt from permitting per various exemptions under 6 NYCRR Subpart 201-3.2(c)(1)-(7).

Non-delegated federal regulations apply to the emergency generators, which includes 40 CFR 60 Subpart IIII – New Source Performance Standards (NSPS): Stationary Compression Ignition Internal Combustion Engines, 40 CFR 60 Subpart JJJJ – NSPS: Stationary Spark Ignition Internal Combustion Engines, and 40 CFR 63 Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines.

Building(s): 11
 1A/3A
 2
 20
 24
 26
 27
 AIM-42
 WWTP

Item 19.2:

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

Emission Unit: 0-00002

Emission Unit Description:

Facility-wide particulate matter (PM) & PM-10 emission sources with emissions calculated using the total amount of dust collected from all dust control equipment and cooling towers.

Sources include the following: electron beam welding machines, metal cutting, and laser engravers. These sources also emit small amounts of hazardous air pollutants (HAPs) as defined by 6 NYCRR Subpart 200.1.

PM emissions resulting from paint booth operations are not included in this emission unit but are part of emission unit 0-00006.

Building(s): 2
 20
 24

Item 19.3:

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

Emission Unit: 0-00003

Emission Unit Description:

This emission unit is comprised of the facility-wide volatile organic compounds (VOC) emissions which come from many small emission sources. Most of these emission sources by themselves could be exempted based on minor source exemption rules, 6 NYCRR Subpart 201-3.2.

This emission unit includes sources, such as non-destructive inspection or testing using liquid penetrants, custom solvent spray hoods, drying/curing of paints, adhesives, coatings, manual usage of cleaning solvents, surface preparation solvents, and forming/curing of cables, that also emit small amounts of HAPs as defined by 6 NYCRR Subpart 200.1.

VOC emissions resulting from paint booth operations are not included in this emission unit but are part of emission unit 0-00006.

Building(s): 11
17
2
20
24
27
3

Item 19.4:

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

Emission Unit: 0-00004

Emission Unit Description:

Facility-wide soldering operation with many handheld soldering stations, wave soldering, and selective solder machines. A conservative 0.005 lb./lb. lead emission rate is used to calculate Lead Oxide emissions from this operation due to the widespread nature of the emission points and the fact that each emission point is made up of small equipment, sometimes handheld which are exempt emission sources per 6 NYCRR Subpart 201-3.3(c)(54).

Building(s): 20

Item 19.5:

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

Emission Unit: 0-00005

Emission Unit Description:

The facility operates a non-electrolytic metal coating operation consisting of a chromate conversion coating plating line that contains the metal HAP, chromium. There are two non-electrolysis plating tanks containing chromium, which are subject to the standards and

management practices of 40 CFR 63 Subpart WWWW. Since the baths are operated at room temperature, there are no known emission factors found to quantify any potential emissions from this source. If there is no tank turbulence, it is reasonable to assume that there are no emissions (other than water vapor) because little or no volatile materials are in the process tanks.

Item 19.6:

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

Emission Unit: 0-00006

Emission Unit Description:

Paint booth operations with three (3) paint booths and one (1) dip tank. Each spray booth is fitted with a type of filter technology that is demonstrated to achieve at least a 98% capture of paint overspray and utilizes HVLP guns with at least 65% transfer efficiency. Surface coatings utilized by the facility need to meet military, aerospace, and/or government contractual requirements. The dip tank utilizes methylene chloride under a federal exemption for industrial or commercial use for paint and coating removal from safety-critical, corrosion-sensitive components of aircraft and spacecraft (40 CFR Part 751.109(a)(8)).

Building(s): 24

Item 19.7:

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

Emission Unit: 0-00007

Emission Unit Description:

This emission unit consists of a wastewater evaporator used mainly to evaporate wash waters since the facility is not serviced by a municipal sewer system. Spent aqueous parts washer solutions, which may contain detergents with small amounts of VOC, are also processed in the wastewater evaporator.

Building(s): 2

Item 19.8:

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

Emission Unit: 0-00008

Emission Unit Description:

The facility has a chemical cleaning operation which consists of numerous tanks for metal parts that use various strong acids, including hydrochloric acid, to remove surface imperfections such as embedded iron, oxides, heat tint stains, inorganic contaminants, rust, or scale. Hydrochloric acid is a HAP as defined by 6 NYCRR Subpart 200.1.

Building(s): 11

Condition 20: Progress Reports Due Semiannually

Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)****Item 20.1:**

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

- (i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Condition 21: Operational Flexibility
Effective for entire length of Permit****Applicable Federal Requirement:6 NYCRR 201-6.4 (f)****Item 21.1:**

A permit modification is not required for changes that are provided for in the permit. Such changes include approved alternate operating scenarios and changes that have been submitted and approved pursuant to an established operational flexibility protocol and the requirements of this section. Each such change cannot be a modification under any provision of Title I of the Clean Air Act or exceed, or cause the facility to exceed, an emissions cap or limitation in the permit. The facility owner or operator must incorporate all changes into any compliance certifications, record keeping, and/or reporting required by the permit.

**Condition 22: Statement dates for emissions statements.
Effective for entire length of Permit****Applicable Federal Requirement:6 NYCRR 202-2.4 (a) (3)****Item 22.1:**

This facility is required to submit an annual emission statement electronically and these emissions statements must be submitted to the department as per the following schedule:

- (i) March 15th of each year for facilities with three or fewer processes listed in their Title V permit:
- (ii) March 31st of each year for facilities with four to six processes listed in their Title V permit:
- (iii) April 15th of each year for facilities with 7 to 12 processes listed in their Title V permit:
- (iv) April 30th of each year for facilities with 13 or more processes listed in their Title V permit.

Condition 23: Visible Emissions Limited

Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 211.2****Item 23.1:**

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

**Condition 24: Compliance Certification
Effective for entire length of Permit****Applicable Federal Requirement:6 NYCRR 212-1.6 (a)****Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No facility owner or operator shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any emission source subject to 6 NYCRR Part 212 – Process Operations, except for the emission of uncombined water. NYSDEC reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The facility shall conduct periodic visual observations monthly. The facility shall immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred.

If visible emissions are observed above those that are normal from any process operation, the facility shall determine the cause of any instance where there are visible emissions other than condensing moisture or steam, make the necessary correction, and verify that the visible emissions problem has been corrected.

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

Records of visible emissions observations, investigations and corrective actions will be kept on-site in a bound logbook or an equivalent method, including electronic

media. These records shall include the date, time, observer's name, weather conditions and a description of the observations (steam, visible emissions, etc.). These records shall be kept on-site for a period of 5 years from the date of the last entry. Should NYSDEC determine that the record keeping format is inadequate to demonstrate compliance, it shall provide written notice stating the inadequacies, and the facility shall have 90 days to revise its prospective record keeping format in a manner acceptable to NYSDEC.

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Monitoring Frequency: MONTHLY
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

Condition 25: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)

Item 25.1:

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

Emission Unit: 0-00007

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

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from any process emission source for which an application was received by NYSDEC after July 1, 1973 are restricted as follows:

No facility owner or operator shall cause or allow emissions of particulate that exceed 0.050 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except in instances where determination of permissible emission rate using process weight for a specific source category emitting solid particulates is based upon Table 5 and Table 6 of 6 NYCRR 212-2.5(a) and (b). NYSDEC reserves the right to perform or require the performance of an emissions stack test evaluation at any time.

Parameter Monitored: PARTICULATES
 Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: Method 5
Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY
Averaging Method: Arithmetic average of stack test runs
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 226-1.3

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This condition covers facility-wide general cold cleaning degreasing processes other than the customized isopropyl alcohol (IPA) solvent spray hoods.

Owners or operators conducting solvent cleaning processes must:

- (a) store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere;
- (b) maintain equipment to minimize leaks and fugitive emissions;
- (c) display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of volatile organic compounds (VOC);
- (d) keep the degreaser cover closed except when parts are being placed into or being removed from the degreaser, the cover needs to be open in order to remove solvent from the degreaser, no solvent is in the degreaser, or manually cleaning parts in a cold cleaning degreaser;
- (e) create and maintain a record of solvent consumption for five years. This record must be retained for five years and made available to NYSDEC upon request;
- (f) not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser; and
- (g) if using a cold cleaning degreaser that is subject to

paragraph 6 NYCRR 226-1.4(a)(4), retain a record of the following three items for five years and provide these records to NYSDEC upon request. An invoice, bill of sale, a certificate covering multiple sales, manufacturers published information, or other appropriate documentation acceptable to NYSDEC may be used to comply with this requirement:

- (1) name and address of the solvent supplier;
- (2) the type of solvent including the product or vendor identification number; and
- (3) the VOC content of the cleaning solution in grams per liter (gm/l) to verify compliance.

Monitoring Frequency: CONTINUOUS
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 226-1.4 (a)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The following Control requirements must be used by an owner or operator conducting solvent cleaning, if the internal volume of the machine is greater than two gallons:

- (1) a cover which can be easily operated and
- (2) an internal drainage facility (under cover), if practical,
- (3) cleaning solution with a maximum VOC content of 25 grams per liter at 20 degrees Celsius must be used.

The VOC content limit does not apply to degreasers as specified in subparagraphs 226-1.4(a)(4)(i)-(iii), which includes the customized IPA solvent spray hoods.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
 Process Material: DEGREASING UNITS
 Parameter Monitored: VOLATILE ORGANIC LIQUID

Upper Permit Limit: 25 grams per liter
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.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 226-1.5 (a)

Item 28.1:
The Compliance Certification activity will be performed for the Facility.

Item 28.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:
For cold cleaning degreasing, the clean parts shall be drained at least 15 seconds or until dripping ceases.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DEGREASING UNITS
Parameter Monitored: DURATION
Lower Permit Limit: 15 seconds
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 226-2.3

Item 29.1:
The Compliance Certification activity will be performed for the Facility.

Item 29.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:
The facility shall not conduct any cleaning subject to Subpart 226-2 – Industrial Cleaning Solvents unless the following control measures can be met:

- (a) Work Practice:
 - (1) use closed, non-leaking containers to store or dispose

of cloth or other absorbent cleaning tools impregnated with industrial cleaning solvents when not in use;

(2) minimize air circulation around cleaning operations;

(3) properly dispose of used cleaning solvents and tools;

(4) implement equipment practices that minimize emissions, such as maintaining of cleaning equipment and repair of solvent leaks; and

(b) an industrial cleaning solvent with a maximum VOC content of 50 grams of VOC per liter (0.42 pound of VOC per gallon) of cleaning material must be used for cleaning the following: large and small manufactured components, parts, equipment, floors, tanks, and vessels; or

(c) as an alternative to the maximum VOC content specified above, an industrial cleaning solvent with a maximum composite vapor pressure of eight millimeters of mercury (mmHg) at 20 degrees Celsius may also be used; or

(d) emissions are controlled by an emission control system with an overall control efficiency of at least 85 percent or equivalent control.

These control measures are not applicable to the use of IPA and heavy-duty rosin flux remover as an industrial cleaning solvent per 6 NYCRR Subpart 226-2.4(a).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: SOLVENT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 50 grams per liter

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.

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

Condition 30: Compliance Certification
Effective for entire length of Permit

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

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No facility owner or operator shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any emission source subject to 6 NYCRR 228-1 – Surface Coating Processes, except for the emission of uncombined water. NYSDEC reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The facility shall conduct periodic visual observations monthly. The facility shall immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred.

If visible emissions are observed above those that are normal from any surface coating process, the facility shall determine the cause of any instance where there are visible emissions other than condensing moisture or steam, make the necessary correction, and verify that the visible emissions problem has been corrected.

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

Records of visible emissions observations, investigations and corrective actions will be kept on-site in a bound logbook or an equivalent method, including electronic media. These records shall include the date, time, observer's name, weather conditions and a description of the observations (steam, visible emissions, etc.). These records shall be kept on-site for a period of 5 years from the date of the last entry. Should NYSDEC determine that the record keeping format is inadequate to demonstrate compliance, it shall provide written notice stating the inadequacies, and the facility shall have 90 days to revise its prospective record keeping format in a manner acceptable to NYSDEC.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: MONTHLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 31: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 228-1.3 (b) (1)**Item 31.1:**

The Compliance Certification activity will be performed for the Facility.

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emission source subject to 6 NYCRR Subpart 228-1 must maintain the following records in a format acceptable to the department for a period of at least five years:

1. A certification from the coating supplier or manufacturer which lists the parameters used to determine the actual VOC content of each as applied coating used at the facility.
2. Purchase, usage and/or production records of each coating material, including solvents.
3. Records identifying each air cleaning device that has an overall removal efficiency of at least 90 percent.
4. Records verifying each parameter used to calculate the overall removal efficiency, as described in Equation 2 of Section 228-1.5(c), if applicable.
5. Any additional information required to determine compliance with Subpart 228-1.

Upon request, the owner or operator of an emission source subject to 6 NYCRR Subpart 228-1 must submit a copy of the records kept in accordance with this condition to the department within 90 days of receipt of the request.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 32: Surface Coating- Prohibitions
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 228-1.3 (c)**Item 32.1:**

(1) No person shall sell, supply, offer for sale, solicit, use, specify, or require for use, the application of a coating on a part or product at a facility with a coating line described in Subpart 228-1.1(a) if such sale, specification, or use is prohibited by any of the provisions of this

Subpart. The prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (i) coatings utilized at surface coating lines where control equipment has been installed to meet the maximum permitted VOC content limitations specified in the tables of Subpart 228-1.4;
 - (ii) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Subpart 228-1.5(d); and
 - (iii) coatings utilized at surface coating lines that have been granted variances pursuant to Subpart 228-1.5(e).
- (2) Any person selling a coating for use in a coating line subject to Subpart 228-1 must, upon request, provide the user with certification of the VOC content of the coating supplied.

Condition 33: Compliance Certification
Effective for entire length of Permit

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

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Within the work area(s) associated with a coating line, the owner or operator of an emission source subject to the requirements of 6 NYCRR Part 228 must:

- (a) Use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
- (b) Store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
- (c) Not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
- (d) Not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;

(e) Not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;

(f) Minimize spills during the handling and transfer of coatings and VOC solvents; and

(g) Clean hand held spray guns by one of the following:

(1) an enclosed spray gun cleaning system that is kept closed when not in use;

(2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;

(3) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or

(4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

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

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

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 34: Surface coating application requirements
Effective for entire length of Permit**

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

Item 34.1:

Facilities operating coating lines must use one or more of the following application techniques to apply the coating:

(i) flow/curtain coating;

(ii) dip coating;

(iii) cotton-tipped swab application;

- (iv) electro-deposition coating;
- (v) high volume low pressure spraying;
- (vi) electrostatic spray;
- (vii) airless spray, (including air assisted);
- (viii) airbrush application methods for stenciling, lettering, and other identification markings; or
- (ix) other coating application methods approved by the department which can demonstrate transfer efficiencies equivalent to or greater than high volume low pressure spray.

Condition 35: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 228-1.3 (e) (2)

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

A facility containing a coating line (other than a class A coating line) may use up to 55 gallons of coatings (facility wide) on a 12-month rolling total basis which does not comply with the VOC content limits set forth in section 228-1.4 ; provided such use is recorded on an as used basis and maintained at the facility for a period of five years.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: COATING

Upper Permit Limit: 55 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 36: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 228-1.4 (b) (4) (ii)

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

A facility operating a Class B, miscellaneous metal parts, coating line may not use coatings with VOC contents, as applied, which exceed the appropriate limits specified in Table B4 of 6 NYCRR Subpart 228-1.4(b)(4)(ii).

(1) The facility operates a Class B, miscellaneous metal parts, coating line. Surface coatings utilized on miscellaneous metal parts are military specification and are air-dried.

(2) In accordance with Table B4 of 6 NYCRR Subpart 228-1.4(b)(4), the VOC content limit for air-dried military specification surface coatings is 2.8 pounds of VOC per gallon of coating (minus water and excluded compounds), as applied.

(3) Sampling and testing of any coating to confirm VOC content compliance must be performed in a manner directed by and at the request of NYSDEC.

For miscellaneous metal parts coating, the following types of coatings and coating operations are exempt from the VOC content limits of table B4 per 6 NYCRR Subpart 228-1.4(b)(4)(iii):

- (a) stencil coating;
- (b) safety-indicating coatings;
- (c) solid-film lubricants;
- (d) electric-insulating and thermal-conducting coatings;
- (e) magnetic data storage disk coatings; and
- (f) plastic extruded into metal parts to form a coating.

Exception: The VOC content limit requirements do not apply to surface coatings that are submitted as part of a NYSDEC approved VOC reasonably available control technology (RACT) demonstration per 6 NYCRR Subpart 228-1.5(e).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 2.8 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.

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

Condition 37: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 228-1.4 (e) (2)**Item 37.1:**

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

A facility operating a Class E, aerospace, coating line may not use coatings with VOC contents, as applied, which exceed the appropriate limits specified in Table E of 6 NYCRR Subpart 228-1.4(e)(2). Aerospace components include but are not limited to assembly parts or completed units of any aircraft, helicopter, or missile.

(1) The facility operates a Class E, aerospace, coating line. Surface coatings utilized on aerospace components include primers and topcoats.

(2) In accordance with Table E of 6 NYCRR Subpart 228-1.4(e)(2), the VOC content limit for aerospace component topcoats is 5.1 pounds of VOC per gallon of coating (minus water and excluded compounds), as applied.

(3) Sampling and testing of any coating to confirm VOC content compliance must be performed in a manner directed by and at the request of NYSDEC.

Aerospace coatings which are utilized for pretreatment, adhesive bonding primers, flight testing, fuel tanks, electric/radiation effects, space vehicles and temporary mechanical maskant/high temperature heat treatment are not subject to the VOC limits of this section.

Exception: The VOC content limit requirements do not apply to surface coatings that are submitted as part of a NYSDEC approved VOC RACT demonstration per 6 NYCRR Subpart 228-1.5(e).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

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.

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

Condition 38: Compliance Certification

Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 228-1.4 (e) (2)****Item 38.1:**

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

A facility operating a Class E, aerospace, coating line may not use coatings with VOC contents, as applied, which exceed the appropriate limits specified in Table E of 6 NYCRR Subpart 228-1.4(e)(2). Aerospace components include but are not limited to assembly parts or completed units of any aircraft, helicopter, or missile.

(1) The facility operates a Class E, aerospace, coating line. Surface coatings utilized on aerospace components include primers and topcoats.

(2) In accordance with Table E of 6 NYCRR Subpart 228-1.4(e)(2), the VOC content limit for aerospace component primer is 2.9 pounds of VOC per gallon of coating (minus water and excluded compounds), as applied.

(3) Sampling and testing of any coating to confirm VOC content compliance must be performed in a manner directed by and at the request of NYSDEC.

Aerospace coatings which are utilized for pretreatment, adhesive bonding primers, flight testing, fuel tanks, electric/radiation effects, space vehicles and temporary mechanical maskant/high temperature heat treatment are not subject to the VOC limits of this section.

Exception: The VOC content limit requirements do not apply to surface coatings that are submitted as part of a NYSDEC approved VOC RACT demonstration per 6 NYCRR Subpart 228-1.5(e).

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

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.

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

**Condition 39: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 228-2.4 (b) (1)

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The concentration of VOC in all surface preparation solvents used at the facility shall be less than 70 grams per liter.

This limit is not applicable to the use of isopropyl alcohol (IPA) and methyl propyl ketone (MPK), which has an approved VOC RACT demonstration.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: SOLVENT

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 70 grams per liter

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.

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

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

**Condition 40: Emission Point Definition By Emission Unit
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 40.1:

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

Emission Unit: 0-00002

Emission Point: 00026

Height (ft.): 30

Diameter (in.): 18

NYTMN (km.): 4745.568

NYTME (km.): 200.94

Building: 2

Emission Point: 00123

Height (ft.): 36

Length (in.): 33

Width (in.): 33

NYTMN (km.): 4745.21

NYTME (km.): 202.103

Building: 20

Emission Point: 00125
 Height (ft.): 36 Diameter (in.): 2
 NYTMN (km.): 4745.21 NYTME (km.): 202.103 Building: 20

Emission Point: 00169
 Height (ft.): 9 Diameter (in.): 6
 NYTMN (km.): 4745.9 NYTME (km.): 200.137 Building: 24

Emission Point: 00498
 Height (ft.): 36 Length (in.): 33 Width (in.): 33
 NYTMN (km.): 4745.203 NYTME (km.): 202.1 Building: 20

Item 40.2:

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

Emission Unit: 0-00003

Emission Point: 00008
 Height (ft.): 30 Diameter (in.): 10
 NYTMN (km.): 4745.578 NYTME (km.): 200.981 Building: 2

Emission Point: 00015
 Height (ft.): 13 Diameter (in.): 2
 NYTMN (km.): 4745.568 NYTME (km.): 200.933 Building: 2

Emission Point: 00017
 Height (ft.): 26 Diameter (in.): 9
 NYTMN (km.): 4745.572 NYTME (km.): 200.933 Building: 2

Emission Point: 00018
 Height (ft.): 30 Diameter (in.): 9
 NYTMN (km.): 4745.606 NYTME (km.): 200.933 Building: 2

Emission Point: 00022
 Height (ft.): 30 Diameter (in.): 16
 NYTMN (km.): 4745.582 NYTME (km.): 201.007 Building: 2

Emission Point: 00028
 Height (ft.): 30 Diameter (in.): 16
 NYTMN (km.): 4745.59 NYTME (km.): 200.955 Building: 2

Emission Point: 00029
 Height (ft.): 13 Diameter (in.): 3
 NYTMN (km.): 4745.554 NYTME (km.): 200.82 Building: 3

Emission Point: 00041
 Height (ft.): 30 Diameter (in.): 10
 NYTMN (km.): 4745.584 NYTME (km.): 200.878 Building: 3

Emission Point: 00046
 Height (ft.): 20 Diameter (in.): 8
 NYTMN (km.): 4745.483 NYTME (km.): 200.964 Building: 3

Emission Point: 00076

Height (ft.): 30	Diameter (in.): 24	
NYTMN (km.): 4745.433	NYTME (km.): 201.318	Building: 11
Emission Point: 00080		
Height (ft.): 12	Diameter (in.): 6	
NYTMN (km.): 4745.476	NYTME (km.): 201.353	Building: 11
Emission Point: 00095		
Height (ft.): 12	Diameter (in.): 4	
NYTMN (km.): 4745.432	NYTME (km.): 201.343	Building: 11
Emission Point: 00099		
Height (ft.): 30	Diameter (in.): 4	
NYTMN (km.): 4745.544	NYTME (km.): 200.132	Building: 11
Emission Point: 00100		
Height (ft.): 30	Diameter (in.): 4	
NYTMN (km.): 4745.544	NYTME (km.): 200.132	Building: 11
Emission Point: 00111		
Height (ft.): 12	Length (in.): 24	Width (in.): 24
NYTMN (km.): 4745.508	NYTME (km.): 201.138	Building: 17
Emission Point: 00113		
Height (ft.): 40	Length (in.): 32	Width (in.): 32
NYTMN (km.): 4745.225	NYTME (km.): 202.113	Building: 20
Emission Point: 00115		
Height (ft.): 40	Diameter (in.): 13	
NYTMN (km.): 4745.225	NYTME (km.): 202.113	Building: 20
Emission Point: 00128		
Height (ft.): 36	Length (in.): 33	Width (in.): 33
NYTMN (km.): 4745.235	NYTME (km.): 202.019	Building: 20
Emission Point: 00139		
Height (ft.): 34	Diameter (in.): 4	
NYTMN (km.): 4745.283	NYTME (km.): 201.959	Building: 20
Emission Point: 00152		
Height (ft.): 36	Diameter (in.): 4	
NYTMN (km.): 4745.306	NYTME (km.): 201.917	Building: 20
Emission Point: 00153		
Height (ft.): 36	Diameter (in.): 6	
NYTMN (km.): 4745.3	NYTME (km.): 201.949	Building: 20
Emission Point: 00154		
Height (ft.): 35	Diameter (in.): 4	
NYTMN (km.): 4745.304	NYTME (km.): 201.949	Building: 20
Emission Point: 00157		
Height (ft.): 40	Length (in.): 20	Width (in.): 20
NYTMN (km.): 4745.203	NYTME (km.): 202.013	Building: 20

Emission Point: 00160
 Height (ft.): 7 Diameter (in.): 12
 NYTMN (km.): 4745.899 NYTME (km.): 200.035 Building: 24

Emission Point: 00161
 Height (ft.): 7 Diameter (in.): 8
 NYTMN (km.): 4745.963 NYTME (km.): 200.02 Building: 24

Emission Point: 00162
 Height (ft.): 12 Diameter (in.): 2
 NYTMN (km.): 4745.963 NYTME (km.): 200.02 Building: 24

Emission Point: 00167
 Height (ft.): 9 Diameter (in.): 4
 NYTMN (km.): 4746.118 NYTME (km.): 199.955 Building: 24

Emission Point: 00168
 Height (ft.): 9 Diameter (in.): 4
 NYTMN (km.): 4746.181 NYTME (km.): 199.991 Building: 24

Emission Point: 00171
 Height (ft.): 9 Diameter (in.): 6
 NYTMN (km.): 4745.966 NYTME (km.): 200.029 Building: 24

Emission Point: 00243
 Height (ft.): 40 Diameter (in.): 12
 NYTMN (km.): 4745.249 NYTME (km.): 202.111 Building: 20

Emission Point: 00244
 Height (ft.): 40 Diameter (in.): 12
 NYTMN (km.): 4745.27 NYTME (km.): 201.991 Building: 20

Emission Point: 00428
 Height (ft.): 30 Diameter (in.): 10
 NYTMN (km.): 4745.583 NYTME (km.): 200.948 Building: 2

Emission Point: 00476
 Height (ft.): 30 Length (in.): 21 Width (in.): 21
 NYTMN (km.): 4745.57 NYTME (km.): 200.955 Building: 2

Emission Point: 00496
 Height (ft.): 4 Diameter (in.): 4
 NYTMN (km.): 4745.198 NYTME (km.): 202.105 Building: 20

Emission Point: 00524
 Height (ft.): 40 Diameter (in.): 7
 NYTMN (km.): 4745.598 NYTME (km.): 200.827 Building: 3

Emission Point: 00532
 Height (ft.): 21 Diameter (in.): 2
 NYTMN (km.): 4745.203 NYTME (km.): 202.111 Building: 20

Emission Point: 00533
 Height (ft.): 21 Diameter (in.): 2
 NYTMN (km.): 4745.266 NYTME (km.): 201.997 Building: 20

Emission Point: 00534
 Height (ft.): 21 Diameter (in.): 2
 NYTMN (km.): 4745.198 NYTME (km.): 202.011 Building: 20

Emission Point: 00535
 Height (ft.): 21 Diameter (in.): 2
 NYTMN (km.): 4745.223 NYTME (km.): 202.096 Building: 20

Item 40.3:

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

Emission Unit: 0-00004

Emission Point: 00114
 Height (ft.): 20 Diameter (in.): 8
 NYTMN (km.): 4745.327 NYTME (km.): 201.922 Building: 20

Emission Point: 00140
 Height (ft.): 20 Diameter (in.): 18
 NYTMN (km.): 4745.327 NYTME (km.): 201.922 Building: 20

Emission Point: 00143
 Height (ft.): 20 Diameter (in.): 6
 NYTMN (km.): 4745.327 NYTME (km.): 201.922 Building: 20

Item 40.4:

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

Emission Unit: 0-00006

Emission Point: 00163
 Height (ft.): 24 Length (in.): 30 Width (in.): 48
 NYTMN (km.): 4745.262 NYTME (km.): 201.126 Building: 24

Emission Point: 00164
 Height (ft.): 24 Length (in.): 32 Width (in.): 32
 NYTMN (km.): 4745.262 NYTME (km.): 201.126 Building: 24

Emission Point: 00165
 Height (ft.): 24 Length (in.): 18 Width (in.): 18
 NYTMN (km.): 4745.262 NYTME (km.): 201.126 Building: 24

Emission Point: 00166
 Height (ft.): 24 Length (in.): 24 Width (in.): 12
 NYTMN (km.): 4745.262 NYTME (km.): 201.126 Building: 24

Item 40.5:

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

Emission Unit: 0-00007

Emission Point: 00004
 Height (ft.): 20 Length (in.): 18 Width (in.): 18
 NYTMN (km.): 4745.576 NYTME (km.): 200.988 Building: 2

Item 40.6:

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

Emission Unit: 0-00008

Emission Point: 00064

Height (ft.): 30 Length (in.): 18 Width (in.): 30
 NYTMN (km.): 4745.479 NYTME (km.): 201.32 Building: 11

Emission Point: 00068

Height (ft.): 35 Diameter (in.): 17
 NYTMN (km.): 4745.479 NYTME (km.): 201.34 Building: 11

Emission Point: 00069

Height (ft.): 35 Diameter (in.): 16
 NYTMN (km.): 4745.474 NYTME (km.): 201.34 Building: 11

**Condition 41: Process Definition By Emission Unit
 Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 41.1:

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

Emission Unit: 0-00001

Process: 001

Source Classification Code: 1-03-006-03

Process Description:

The use of natural gas and diesel as fuel for combustion sources (boilers, furnaces, generators) throughout the facility.

Emission Source/Control: 00001 - Combustion

Emission Source/Control: 00313 - Combustion
 Design Capacity: 47 brake horsepower

Emission Source/Control: 00322 - Combustion
 Design Capacity: 601 brake horsepower

Emission Source/Control: 00323 - Combustion
 Design Capacity: 550 brake horsepower

Emission Source/Control: 00333 - Combustion
 Design Capacity: 157 brake horsepower

Emission Source/Control: 00343 - Combustion
 Design Capacity: 134 brake horsepower

Emission Source/Control: 00379 - Combustion
 Design Capacity: 74 brake horsepower

Emission Source/Control: 00380 - Combustion
 Design Capacity: 755 brake horsepower

Emission Source/Control: 00381 - Combustion
Design Capacity: 470 brake horsepower

Emission Source/Control: 00389 - Combustion
Design Capacity: 134 brake horsepower

Emission Source/Control: 00392 - Combustion
Design Capacity: 20 brake horsepower

Emission Source/Control: 00398 - Combustion
Design Capacity: 755 brake horsepower

Emission Source/Control: 00402 - Combustion
Design Capacity: 10 brake horsepower

Emission Source/Control: 00453 - Combustion
Design Capacity: 40 brake horsepower

Emission Source/Control: 00522 - Combustion
Design Capacity: 99 brake horsepower

Emission Source/Control: 00531 - Combustion
Design Capacity: 617 brake horsepower

Emission Source/Control: 00541 - Combustion
Design Capacity: 94 brake horsepower

Emission Source/Control: 00542 - Combustion
Design Capacity: 755 brake horsepower

Emission Source/Control: 00543 - Combustion
Design Capacity: 755 brake horsepower

Item 41.2:

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

Emission Unit: 0-00002

Process: 002

Source Classification Code: 3-09-001-99

Process Description:

The use of equipment throughout the facility that generates particulate emissions.

Emission Source/Control: 00002 - Process

Emission Source/Control: CS001 - Process

Emission Source/Control: EBW01 - Process

Emission Source/Control: LE201 - Process

Emission Source/Control: LW202 - Process

Emission Source/Control: LW203 - Process

Item 41.3:

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

Emission Unit: 0-00003

Process: 003

Source Classification Code: 3-09-001-98

Process Description:

The use of equipment facility-wide which generate VOC emissions, with the exception of three spray booths and one dip tank which are part of emission unit U-00006.

Emission Source/Control: 00003 - Process

Emission Source/Control: 00032 - Process

Emission Source/Control: AC201 - Process

Emission Source/Control: EH201 - Process

Emission Source/Control: EH202 - Process

Emission Source/Control: EH203 - Process

Emission Source/Control: EH205 - Process

Emission Source/Control: EH206 - Process

Emission Source/Control: EH207 - Process

Emission Source/Control: EH208 - Process

Emission Source/Control: EH209 - Process

Emission Source/Control: EH210 - Process

Emission Source/Control: EH211 - Process

Emission Source/Control: EH212 - Process

Emission Source/Control: EH213 - Process

Emission Source/Control: EH214 - Process

Emission Source/Control: EH215 - Process

Emission Source/Control: EH216 - Process

Emission Source/Control: EH217 - Process

Emission Source/Control: EH218 - Process

Emission Source/Control: EH219 - Process

Emission Source/Control: EH220 - Process

Emission Source/Control: EH221 - Process

Emission Source/Control: EH223 - Process

Emission Source/Control: EH301 - Process

Emission Source/Control: EV001 - Process

Emission Source/Control: NDI01 - Process

Emission Source/Control: NDI02 - Process

Emission Source/Control: OV111 - Process

Emission Source/Control: OV112 - Process

Emission Source/Control: OV114 - Process

Emission Source/Control: OV115 - Process

Emission Source/Control: OV201 - Process

Emission Source/Control: OV202 - Process

Emission Source/Control: OV203 - Process

Emission Source/Control: OV204 - Process

Emission Source/Control: OV2-1 - Process

Emission Source/Control: OV241 - Process

Emission Source/Control: OV242 - Process

Emission Source/Control: OV243 - Process

Emission Source/Control: OV244 - Process

Emission Source/Control: OV245 - Process

Emission Source/Control: OV301 - Process

Emission Source/Control: OV3A1 - Process

Emission Source/Control: SH111 - Process

Emission Source/Control: SH171 - Process

Emission Source/Control: SH201 - Process

Emission Source/Control: SH202 - Process

Emission Source/Control: SH203 - Process

Emission Source/Control: SH205 - Process

Emission Source/Control: SH206 - Process

Emission Source/Control: SH207 - Process

Emission Source/Control: SS001 - Process

Emission Source/Control: VD001 - Process

Item 41.4:

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

Emission Unit: 0-00004

Process: 004

Source Classification Code: 3-09-043-00

Process Description:

The use of facility-wide soldering equipment with many hand held soldering stations, wave soldering, and selective solder machines.

Emission Source/Control: 00004 - Process

Emission Source/Control: 00041 - Process

Emission Source/Control: 00042 - Process

Emission Source/Control: 00043 - Process

Item 41.5:

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

Emission Unit: 0-00005

Process: 005

Source Classification Code: 3-09-011-99

Process Description:

The use of a non-electrolytic metal coating operation consisting of a chromate conversion coating plating line.

Emission Source/Control: CHRO1 - Process

Emission Source/Control: CHRO2 - Process

Item 41.6:

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

Emission Unit: 0-00006

Process: 006

Source Classification Code: 4-02-001-01

Process Description:

The use of three paint spray booths equipped with filters and HVLP guns, and one dip tank which uses methylene chloride.

Emission Source/Control: DIP01 - Process

Design Capacity: 40 gallons

Emission Source/Control: SB001 - Process

Emission Source/Control: SB002 - Process

Emission Source/Control: SB003 - Process

Item 41.7:

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

Emission Unit: 0-00007

Process: 007

Source Classification Code: 3-09-825-99

Process Description: Operation of the wastewater evaporator.

Emission Source/Control: 00031 - Process

Item 41.8:

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

Emission Unit: 0-00008

Process: 008

Source Classification Code: 3-09-011-02

Process Description:

Operation of the chemical cleaning process tanks using hazardous air pollutants (HAPs).

Emission Source/Control: CC001 - Process

Emission Source/Control: CC002 - Process

Emission Source/Control: CC003 - Process

**Condition 42: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60, NSPS Subpart IIII

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility, specifically diesel-powered emergency generators with construction commencement after July 11, 2005 and manufactured after April 1, 2006, is subject to 40 CFR 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 43: Compliance Certification

Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60, NSPS Subpart JJJJ

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility, specifically emergency generators with construction commencement after June 12, 2006 and engine manufacture after January 1, 2009, is subject to 40 CFR 60 Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 44: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00001

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility, specifically emergency generators, is subject to 40 CFR 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 45: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 226-1.6

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

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

Item 45.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A lesser degree of control via a process specific VOC Reasonably Available Control Technology (RACT) demonstration has been established for the customized isopropyl alcohol (IPA) solvent spray hoods, as IPA does not meet the VOC content limit for cold cleaning degreasers per 6 NYCRR Subpart 226-1.4(a)(4). The process specific VOC RACT demonstration was submitted to NYSDEC on March 4, 2025, in accordance with DAR-20 Economic and Technical Analysis for RACT.

The facility uses the spray hoods to clean high precision motion control parts that it manufactures for customers. These metal parts are used for aerospace applications but are also used by the Department of War in tanks and other military vehicles and therefore do not qualify for the current special and extreme solvent metal cleaning exemption under 6 NYCRR Subpart 226-1.4(a)(4)(i) for aerospace service, as defined at 6 NYCRR Subpart 226-1.2(b)(9)(i).

To maintain compliance with 6 NYCRR Subpart 226-1 process specific VOC RACT requirements, the facility shall limit annual VOC emissions from the usage of IPA within the customized solvent spray hoods used to clean high precision motion control parts to less than 68,000 pounds/year (34 tons/year). The lowest achievable cost per ton of VOC removed was shown to be \$7,538. This limit was calculated using the facility's maximum VOC emissions from IPA usage within the spray hoods, 34 tons per year.

VOC emissions subject to this VOC RACT requirement shall be calculated semi-annually using a combination of material usage and production records of material processed by the equipment. Records of all the compliance demonstration procedures and data required by this condition shall be retained on site for five years and made available to NYSDEC upon request.

The VOC RACT determination shall be re-evaluated during each upcoming renewal process, or prior to any changes that could significantly impact the existing approved RACT

evaluation. The next re-evaluation will be due no later than 180 days prior to the pertinent permit renewal expiration date.

Parameter Monitored: VOC
Upper Permit Limit: 34 tons per year
Monitoring Frequency: SEMI-ANNUALLY
Averaging Method: ANNUAL TOTAL
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 46: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 226-2.4 (a)

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

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

Item 46.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A lesser degree of control via a process specific VOC RACT demonstration has been established for multiple manual solvent cleaning operations that cannot meet the control requirements per 6 NYCRR Subpart 226-2.3. These processes include industrial solvent cleaning of specified work surfaces and equipment/parts, electronic printed circuit board (PCB) assembly, and production or aftermarket parts utilizing IPA and a heavy-duty rosin flux remover. Neither solvent meets the VOC content limit specified by 6 NYCRR Subpart 226-2.3. A process specific VOC RACT demonstration was submitted to NYSDEC on October 21, 2025, in accordance with DAR-20 Economic and Technical Analysis for RACT. Additionally, the facility submitted a process specific VOC RACT for utilizing non-compliant surface preparation solvents, see condition cited under 6 NYCRR Subpart 228-2.4(e). A singular facility-wide VOC emission limit, as described below, is set for the processes subject to these RACT determinations cited under 6 NYCRR Subpart 226-2.4(a) and Subpart 228-2.4(e).

IPA is used as an industrial cleaning solvent in most use cases, while the heavy-duty rosin flux remover is only utilized on electronic PCBs that require hand soldering and to remove flux from various pieces of equipment. The

use of these industrial cleaning solvents can be attributed to manufacturer-specified cleaning of sensitive equipment used in the production of aerospace hardware (laminar flow cabinets, post-weld processing stations, and vacuum ovens) and the facility's technical need to not introduce aqueous or residue contamination to sensitive and safety-critical hardware.

To maintain compliance with 6 NYCRR Subpart 226-2 and 6 NYCRR Subpart 228-2 process specific VOC RACT requirements, the facility shall limit annual facility-wide VOC emissions from the usage of IPA, heavy-duty rosin flux remover, and methyl propyl ketone (MPK) as an industrial cleaning solvent and/or surface preparation solvent for the purposes described above to 185,800 pounds/year (92.9 tons/year). Processes subject to 6 NYCRR Subpart 226-2.4(a) contribute approximately 79% (73.3 tons/year) of VOC emissions to the combined annual facility-wide limit. The lowest achievable cost per ton of VOC removed from industrial cleaning solvent processes was shown to be \$10,000. This limit was calculated using the facility's maximum potential volume usage of the specified solvents and associated VOC emissions.

Total annual VOC emissions subject to this VOC RACT requirement shall be calculated on a semi-annual basis using a combination of material usage and production records of material processed by the equipment. Records of all the compliance demonstration procedures and data required by this condition shall be retained on site for five years and made available to NYSDEC upon request.

The VOC RACT determinations shall be re-evaluated during each upcoming renewal process, or prior to any changes that could significantly impact the existing approved RACT evaluation. The next re-evaluation will be due no later than 180 days prior to the pertinent permit renewal expiration date.

Parameter Monitored: VOC
 Upper Permit Limit: 92.9 tons per year
 Monitoring Frequency: SEMI-ANNUALLY
 Averaging Method: ANNUAL TOTAL
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

Condition 47: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 228-2.4 (e)

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

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

Item 47.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A lesser degree of control via a process specific VOC RACT demonstration has been established for surface preparation solvents utilized by the facility that do not meet the VOC content limits as required by 6 NYCRR Subpart 228-2.4(b). Prior to the application of chemical adhesives and/or sealants the facility utilizes IPA, and in limited cases, methyl propyl ketone (MPK) as surface preparation solvents. Neither solvent meets the required VOC content limits specified by 6 NYCRR Subpart 228-2.4(b). The process specific VOC RACT demonstration was submitted to NYSDEC on October 21, 2025, in accordance with DAR-20 Economic and Technical Analysis for RACT. Additionally, the facility submitted one (1) process specific VOC RACT demonstration for utilizing non-compliant industrial cleaning solvents, see condition cited under 6 NYCRR Subpart 226-2.4(a). A singular facility-wide VOC emission limit, as described below, is set for the processes subject to these RACT determinations cited under 6 NYCRR Subpart 226-2.4(a) and Subpart 228-2.4(e).

The facility utilizes IPA as a surface preparation solvent based off manufacturer procedures, studies, and the facility's self-testing for its manufacturing processes to meet stringent customer specifications regarding adhesive bond strength. MPK is used as a surface preparation solvent to provide increased sealant adhesion in the manufacturing of certain aircraft parts to meet customer specifications to prevent critical part failures. These surface preparation solvents are utilized on critical hardware in aircraft, space, and defense applications, where it is crucial to provide adequate bond strength to prevent failure of equipment/hardware.

To maintain compliance with 6 NYCRR Subpart 226-2 and Subpart 228-2 process specific VOC RACT requirements, the facility shall limit annual facility-wide VOC emissions from the usage of IPA, heavy-duty rosin flux remover, and methyl propyl ketone (MPK) as an industrial cleaning solvent and/or surface preparation solvent for the purposes described above to 185,800 pounds/year (92.9 tons/year). Processes subject to 6 NYCRR Subpart 228-2.4(e) contribute approximately 21% (19.6 tons/year) of VOC emissions to the combined annual facility-wide

limit. The lowest achievable cost per ton of VOC removed from surface preparation processes was shown to be nearly \$40,000. This limit was calculated using the facility's maximum potential volume usage of the specified solvents and associated VOC emissions.

Total annual VOC emissions subject to this VOC RACT requirement shall be calculated on a semi-annual basis using a combination of material usage and production records of material processed by the equipment. Records of all the compliance demonstration procedures and data required by this condition shall be retained on site for five years and made available to NYSDEC upon request.

The VOC RACT determinations shall be re-evaluated during each upcoming renewal process, or prior to any changes that could significantly impact the existing approved RACT evaluation. The next re-evaluation will be due no later than 180 days prior to the pertinent permit renewal expiration date.

Parameter Monitored: VOC

Upper Permit Limit: 92.9 tons per year

Monitoring Frequency: SEMI-ANNUALLY

Averaging Method: ANNUAL TOTAL

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 48: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 63.11507(e), Subpart WWWW

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00005

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected new or existing dry mechanical polishing equipment that emits one or more of the plating and polishing metal HAP, must operate a capture system that captures particulate matter (PM) emissions from the dry mechanical polishing process and transports the emissions to a cartridge, fabric, or high efficiency particulate air (HEPA) filter, according to paragraphs (1) and (2).

(1) The owner or operator must operate all capture and

control devices according to the manufacturer's specifications and operating instructions.

(2) The owner or operator must keep the manufacturer's specifications and operating instructions at the facility at all times in a location where they can be easily accessed by the operators.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 49: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 63.11507(g), Subpart WWWW

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00005

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected new or existing plating and polishing process unit that contains, applies, or emits one or more of the plating and polishing metal HAP must implement the applicable management practices in paragraphs (1) through (12), as practicable.

(1) Minimize bath agitation when removing any parts processed in the tank, as practicable except when necessary to meet part quality requirements.

(2) Maximize the draining of bath solution back into the tank, as practicable, by extending drip time when removing parts from the tank; using drain boards (also known as drip shields); or withdrawing parts slowly from the tank, as practicable.

(3) Optimize the design of barrels, racks, and parts to minimize dragout of bath solution (such as by using slotted barrels and tilted racks, or by designing parts with flow-through holes to allow the tank solution to drip back into the tank), as practicable.

(4) Use tank covers, if already owned and available at the facility, whenever practicable.

(5) Minimize or reduce heating of process tanks, as

practicable (e.g., when doing so would not interrupt production or adversely affect part quality).

(6) Perform regular repair, maintenance, and preventive maintenance of racks, barrels, and other equipment associated with affected sources, as practicable.

(7) Minimize bath contamination, such as through the prevention or quick recovery of dropped parts, use of distilled/de-ionized water, water filtration, pre-cleaning of parts to be plated, and thorough rinsing of pre-treated parts to be plated, as practicable.

(8) Maintain quality control of chemicals, and chemical and other bath ingredient concentrations in the tanks, as practicable.

(9) Perform general good housekeeping, such as regular sweeping or vacuuming, if needed, and periodic washdowns, as practicable.

(10) Minimize spills and overflow of tanks, as practicable.

(11) Use squeegee rolls in continuous or reel-to-reel plating tanks, as practicable.

(12) Perform regular inspections to identify leaks and other opportunities for pollution prevention.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 50: Compliance Certification
Effective for entire length of Permit

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

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00006

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 50.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A lesser degree of control via a process specific VOC

RACT demonstration has been established for any surface coating utilized by the facility that do not meet the VOC content limits as required by 6 NYCRR Subpart 228-1.4. The surface coatings for Class B (miscellaneous metal parts) and Class E (aerospace) coating lines that do not meet the required VOC content limits are coatings that must meet military, aerospace, and/or government contractual requirements. The process specific VOC RACT demonstration was submitted to NYSDEC on October 21, 2025, in accordance with DAR-20 Economic and Technical Analysis for RACT.

To maintain compliance with 6 NYCRR Subpart 228-1 process specific VOC RACT requirements, the facility shall limit annual VOC emissions from the usage of non-compliant coatings to less than 6,000 pounds/year (3 tons/year). The lowest achievable cost per ton of VOC removed was shown to exceed \$80,000. This limit was calculated using the facility's maximum VOC emission potential from the use of non-compliant surface coatings, which was 6,000 pounds/year (3 tons/year).

To maintain compliance with 6 NYCRR Subpart 228-1 process specific VOC RACT requirements, the facility shall maintain documentation of the reason(s) why compliant coatings were not used, and records documenting the total annual emissions of VOC from non-compliant coatings used/purchased within these emission sources on a 12-month total, rolled monthly basis.

The VOC RACT determination shall be re-evaluated during each upcoming renewal process, or prior to any changes that could significantly impact the existing approved RACT evaluation. The next re-evaluation will be due no later than 180 days prior to the pertinent permit renewal expiration date.

Parameter Monitored: VOC
 Upper Permit Limit: 3 tons per year
 Monitoring Frequency: MONTHLY
 Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

Condition 51: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 63.11173(a), Subpart HHHHHH

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00006

Regulated Contaminant(s):
CAS No: 000075-09-2 DICHLOROMETHANE

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each paint stripping operation that meets the qualifications for an affected source under 40 CFR 63, subpart HHHHHH, the facility must implement management practices to minimize the evaporative emissions of methylene chloride. The management practices must address, at a minimum, the practices listed below:

- 1) Evaluate each application to ensure there is a need for paint stripping (e.g., evaluate whether it is possible to re-coat the piece without removing the existing coating).
- 2) Evaluate each application where a paint stripper containing methylene chloride is used to ensure that there is no alternative paint stripping technology that can be used.
- 3) Reduce exposure of all paint strippers containing methylene chloride to the atmosphere.
- 4) Optimize application conditions when using paint strippers containing methylene chloride to reduce methylene chloride evaporation (e.g., if the stripper must be heated, make sure that the temperature is kept as low a possible to reduce evaporation).
- 5) Practice proper storage and disposal of paint strippers containing methylene chloride (e.g., store stripper in closed, air-tight containers).

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 52: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 63.11173(c), Subpart HHHHHH

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00006

Regulated Contaminant(s):
CAS No: 000075-09-2 DICHLOROMETHANE

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each paint stripping operation, the facility must maintain copies of annual usage of paint strippers containing methylene chloride on site at all times.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 53: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 63.11177, Subpart HHHHHH

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00006

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If you are the owner or operator of a surface coating operation, you must keep the records specified in paragraphs (a) through (d) and (g) below. If you are the owner or operator of a paint stripping operation, you must keep the records specified in paragraphs (e) through (g) below, as applicable.

(a) Certification that each painter has completed the training specified in § 63.11173(f) with the date the initial training and the most recent refresher training was completed.

(b) Documentation of the filter efficiency of any spray booth exhaust filter material, according to the procedure in § 63.11173(e)(3)(i).

(c) Documentation from the spray gun manufacturer that each spray gun with a cup capacity equal to or greater than 3.0 fluid ounces (89 cc) that does not meet the definition of an HVLP spray gun, electrostatic application, airless spray gun, or air assisted airless spray gun, has been determined by the Administrator to achieve a transfer efficiency equivalent to that of an HVLP spray gun, according to the procedure in § 63.11173(e)(4).

(d) Copies of any notification submitted as required by § 63.11175 and copies of any report submitted as required by § 63.11176.

(e) Records of paint strippers containing MeCl used for paint stripping operations, including the MeCl content of the paint stripper used. Documentation needs to be sufficient to verify annual usage of paint strippers containing MeCl (e.g., material safety data sheets or other documentation provided by the manufacturer or supplier of the paint stripper, purchase receipts, records of paint stripper usage, engineering calculations).

(f) If you are a paint stripping source that annually uses more than one ton of MeCl you are required to maintain a record of your current MeCl minimization plan on site for the duration of your paint stripping operations. You must also keep records of your annual review of, and updates to, your MeCl minimization plan.

(g) Records of any deviation from the requirements in § 63.11173, § 63.11174, § 63.11175, or § 63.11176. These records must include the date and time period of the deviation, and a description of the nature of the deviation and the actions taken to correct the deviation.

(h) Records of any assessments of source compliance performed in support of the initial notification, notification of compliance status, or annual notification of changes report.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 54: Compliance Certification
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 63.11178, NESHAP Subpart
HHHHHH**

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00006

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If you are the owner or operator of an affected source, you must maintain copies of the records specified in § 63.11177 for a period of at least five years after the date of each record. Copies of records must be kept on site and in a printed or electronic form that is readily accessible for inspection for at least the first two years after their date, and may be kept off-site after that two year period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 55: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 212-2.3 (a)

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00007

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Based on stack test results, a particulate rating of "A", and Table 3 from Part 212-2.3(b), it was determined that no additional air cleaning is required for this emission source. Compliance will be assured by maintaining the wastewater evaporator and related equipment as required by the manufacturer.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

STATE ONLY ENFORCEABLE CONDITIONS****** Facility Level ********NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

(2) the equipment at the facility was being properly operated and maintained;

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

(4) the facility owner 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 any corrective actions taken.

(b) In any enforcement proceeding, the facility owner 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 malfunction provision contained in any applicable requirement.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such

emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 56: Contaminant List
Effective for entire length of Permit

Applicable State Requirement:ECL 19-0301

Item 56.1:

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

CAS No: 000075-09-2
Name: DICHLOROMETHANE

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

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

Condition 57: Malfunctions and Start-up/Shutdown Activities
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 201-1.4

Item 57.1:

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

(b) The facility owner or operator shall compile and maintain records of all equipment maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time,

frequency and duration of the exceedance, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, the air contaminants emitted, and the resulting emission rates and/or opacity.

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

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

