



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 9-1430-00007/02001  
Effective Date: 01/26/2016 Expiration Date: 01/25/2026

Permit Issued To: FLUID HANDLING LLC  
175 STANDARD PKWY  
BUFFALO, NY 14227

Contact: MATTHEW KANDEFER  
XYLEM HEAT TRANSFER EHS MGR  
175 STANDARD PKWY  
BUFFALO, NY 14227  
(716) 862-4013

Facility: XYLEM HEAT TRANSFER  
175 STANDARD PKWY  
CHEEKTOWAGA, NY 14227

Contact: MATTHEW KANDEFER  
XYLEM HEAT TRANSFER EHS MGR  
175 STANDARD PKWY  
BUFFALO, NY 14227  
(716) 862-4013

**Description:**

Xylem Heat Transfer (Xylem) manufactures heat transfer units. Regulated emission sources, including four spray booths, a wastewater evaporator, and two vacuum furnaces, are organized into three emission units.

This permit action includes the addition of two emissions units, specifically for the wastewater evaporator and vacuum furnaces. The wastewater evaporator is used to manage non-hazardous process wastewater generated on-site mainly from equipment cleanup. In lieu of the evaporator, the wastewater would need to undergo pre-treatment prior to discharge to the municipal sewage system. The cost of the pre-treatment for the minimal volume of wastewater was shown to be prohibitive. The vacuum furnaces are used to braze metal parts; the brazing compound contains volatile organic compounds (VOC) which may be released during operation. The wastewater evaporator and vacuum furnaces are subject to the opacity and particulate loading limits per 6 NYCRR Part 212.

The facility also has several emission sources, including a vacuum leak test unit, plasma cutting operation, dry abrasive blasting, dry machining, dry grinding/polishing, and welding that are exempt from permitting per 6 NYCRR Part 201. The dry abrasive blasting, dry machining, dry grinding/polishing, and welding processes are, however, subject to 40CFR63 Subpart XXXXXX National Emission Standard for Hazardous Air Pollutants for Nine Metal Fabrication and Finishing Source Categories. The pertinent Subpart XXXXXX requirements are contained within this permit.



The facility's four spray booths are subject to 6NYCRR Subpart 228-1 as Class B Miscellaneous Metal Parts. Since the annual actual volatile organic compounds (VOCs) from all sources at this facility exceeds 3 tons, the coating operations are subject to the as applied limits in 228-1.4(b)(4) Table B4 for miscellaneous metal parts. The maximum permitted pounds of VOC per gallon minus water and excluded VOC of coating at application is 3.5 pounds per gallon, air-dried. Other Subpart 228-1 requirements include recordkeeping, opacity, and application technique requirements.

The permit contains a condition which references an approval granted by the Department, dated March 5, 2014, which allows Xylem to apply up to 500 gallons per year (12-month rolling total basis) of Macroepoxy 646 epoxy coating using conventional spray equipment, as provided for under 6 NYCRR Subpart 228-1.3(e)(3)(ix).

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:            DAVID S DENK  
   DIVISION OF ENVIRONMENTAL PERMITS  
   270 MICHIGAN AVE  
   BUFFALO, NY 14203-2915

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.



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**Facility Level**

- Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS



**DEC GENERAL CONDITIONS**  
**\*\*\*\* General Provisions \*\*\*\***  
**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**

**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

**Condition 2: Relationship of this Permit to Other Department Orders and Determinations**

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

**Item 2.1:**

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

**Condition 3: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6 NYCRR 621.11**

**Item 3.1:**

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

**Item 3.3:**

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

**Condition 4: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

The Department reserves the right to 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 5: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS**

**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 9 Headquarters  
Division of Environmental Permits  
270 Michigan Avenue  
Buffalo, NY 14203-2915  
(716) 851-7165

**New York State Department of Environmental Conservation**

Permit ID: 9-1430-00007/02001

Facility DEC ID: 9143000007



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

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY  
PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: FLUID HANDLING LLC  
175 STANDARD PKWY  
BUFFALO, NY 14227

Facility: XYLEM HEAT TRANSFER  
175 STANDARD PKWY  
CHEEKTOWAGA, NY 14227

Authorized Activity By Standard Industrial Classification Code:  
3443 - FABRICATED PLATE WORK (BOILER SHOPS)

Permit Effective Date: 01/26/2016

Permit Expiration Date: 01/25/2026



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6 NYCRR 211.1: Air pollution prohibited
- 2 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 3 6 NYCRR 212-2.4 (b): Compliance Demonstration
- 4 40CFR 63.11516(b), Subpart XXXXXX: Compliance Demonstration
- 5 40CFR 63.11516(c), Subpart XXXXXX: Compliance Demonstration
- 6 40CFR 63.11516(d), Subpart XXXXXX: Compliance Demonstration
- 7 40CFR 63.11516(f), Subpart XXXXXX: Compliance Demonstration
- 8 40CFR 63.11517, Subpart XXXXXX: Compliance Demonstration
- 9 40CFR 63.11519(b), Subpart XXXXXX: Compliance Demonstration
- 10 40CFR 63.11519(c), Subpart XXXXXX: Compliance Demonstration

**Emission Unit Level**

**EU=U-00001**

- 11 6 NYCRR 228-1.3 (a): Compliance Demonstration
- 12 6 NYCRR 228-1.3 (b): Compliance Demonstration
- 13 6 NYCRR 228-1.3 (c): Compliance Demonstration
- 14 6 NYCRR 228-1.3 (d): Compliance Demonstration
- 15 6 NYCRR 228-1.3 (e): Surface Coating- application requirements
- 16 6 NYCRR 228-1.3 (e): Compliance Demonstration
- 17 6 NYCRR 228-1.3 (e) (2): Compliance Demonstration
- 18 6 NYCRR 228-1.4 (b): Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 19 ECL 19-0301: Contaminant List
- 20 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 21 6 NYCRR Subpart 201-5: Emission Unit Definition
- 22 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 23 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 24 6 NYCRR 211.2: Visible Emissions Limited

**Emission Unit Level**

- 25 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 26 6 NYCRR Subpart 201-5: Process Definition By Emission Unit





**FEDERALLY ENFORCEABLE CONDITIONS**  
**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Sealing - 6 NYCRR 200.5**

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

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

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

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

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

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

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

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



required to operate such device effectively.

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

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

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

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

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

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

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

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



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

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

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

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

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

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

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

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

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

**Item J: Required Emission Tests - 6 NYCRR 202-1.1**



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

**Item K: Open Fires Prohibitions - 6 NYCRR 215.2**

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

**Item L: Permit Exclusion - ECL 19-0305**

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

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

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

**FEDERAL APPLICABLE REQUIREMENTS**  
**The following conditions are federally enforceable.**

**Condition 1: Air pollution prohibited**



Effective between the dates of 01/26/2016 and 01/25/2026

Applicable Federal Requirement:6 NYCRR 211.1

**Item 1.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 2: Compliance Demonstration**

Effective between the dates of 01/26/2016 and 01/25/2026

Applicable Federal Requirement:6 NYCRR 212-1.6 (a)

**Item 2.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 2.2:**

Compliance Demonstration 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 process emission source or emission point, except for the emission of uncombined water.

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 3: Compliance Demonstration**

Effective between the dates of 01/26/2016 and 01/25/2026

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

**Item 3.1:**

The Compliance Demonstration activity will be performed for the facility:



The Compliance Demonstration applies to:

Emission Unit: U-00004

Emission Unit: U-00005

**Item 3.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be required at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 4: Compliance Demonstration  
Effective between the dates of 01/26/2016 and 01/25/2026**

**Applicable Federal Requirement: 40CFR 63.11516(b), Subpart XXXXXX**

**Item 4.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition is applicable to machining of metal components that contain or have the potential to emit metal fabricating hazardous air pollutants (MFHAP).

1. The owner or operator must take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable.

2. The owner or operator must operate all equipment associated with machining according to manufacturer's instructions.



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 5: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

**Applicable Federal Requirement:40CFR 63.11516(c), Subpart XXXXXX**

**Item 5.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 5.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all operations performing dry grinding and dry polishing with machines that use metal fabrication HAP (MFHAP), the facility must comply with the requirements listed in §63.11516(c)(1) & (2). These requirements do not apply when dry grinding and dry polishing operations are being performed that do not use any materials containing MFHAP and do not have the potential to emit MFHAP.

(1) You must capture emissions and vent them to a filtration control device. You must demonstrate compliance with this requirement by maintaining a record of the manufacturer's specifications for the filtration control devices, as specified by the requirements in §63.11519(c)(4), "Notification, recordkeeping, and reporting Requirements."

(2) You must implement management practices to minimize emissions of MFHAP as specified in paragraphs (c)(2)(i) and (ii) of this section.

(i) You must take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable;

(ii) You must operate all equipment associated with the operation of dry grinding and dry polishing with machines, including the filtration control device, according to manufacturer's instructions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**Condition 6: Compliance Demonstration**  
Effective between the dates of 01/26/2016 and 01/25/2026

**Applicable Federal Requirement:40CFR 63.11516(d), Subpart XXXXXX**

**Item 6.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all spray painting operations that use metal fabrication HAP (MFHAP), the facility must implement the management practices listed under §63.11516(d)(1)-(9). These practices require the facility to do all spray painting inside of vented spray booths equipped with filters which achieve 98% capture efficiency, perform all spray painting with HVLP guns, and all personnel who perform the spray painting must be trained and certified.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 7: Compliance Demonstration**  
Effective between the dates of 01/26/2016 and 01/25/2026

**Applicable Federal Requirement:40CFR 63.11516(f), Subpart XXXXXX**

**Item 7.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all welding operations that use metal fabrication HAPs (MFHAP) as defined in 40 CFR 63.11522, the owners or operators must comply with the requirements of 40 CFR 63.11516(f)(1) through (8), including:

(1) Operate all equipment, capture, and control devices associated with welding operations according to manufacturer's instructions. Compliance must be demonstrated by maintaining a record of the manufacturer's specifications for the capture and control devices.

(2) Implement one or more of the management practices





specified in 40 CFR 63.11516(f)(2)(i) through (v). For all welding operations which use metal fabrication HAPs as defined in 40 CFR 63.11522, and use 2,000 pounds or more per year of welding rod containing one or more MFHAPs, the owners or operators must comply with the requirements listed in 40 CFR 63.11516(f)(3) through (8).

(3) Perform visual determinations of welding fugitive emissions as specified in 40 CFR 63.11517(b).

(4) Report all instances where visible emissions are detected, to perform corrective action, and to conduct additional visible determinations as directed in 40CFR 63.11517(a).

(5) Conduct visible determinations using EPA Method 9 if visible emissions are detected more than once per 12 month period and to report the results to the Department.

(6) Take corrective action if visible emissions are observed using EPA Method 9 and emissions are less than 20%.

(7) Prepare and implement a site specific Welding Emissions Management Plan if visible emissions using EPA Method 9 are in excess of 20%, and to notify the Department of such emission. The Welding Emissions Management Plan is required no later than 30 days after the opacity excess emissions. The owner must continue to monitor emissions on a daily schedule and include these records in the annual certification.

(8) Specifies the contents of the Welding Emissions Management Plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 8: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

**Applicable Federal Requirement:40CFR 63.11517, Subpart XXXXXX**

**Item 8.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 8.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

**New York State Department of Environmental Conservation**

Permit ID: 9-1430-00007/02001

Facility DEC ID: 9143000007



The following applies to sources subject to 40CFR63 Subpart XXXXXX (Nine Metal Fabrication and Finishing Source Categories):

Visual determination of fugitive emissions must be performed according to the procedures of EPA Method 22, of 40 CFR part 60, Appendix A-7. You must conduct the EPA Method 22 test while the affected source is operating under normal conditions. The duration of each EPA Method 22 test must be at least 15 minutes, and visible emissions will be considered to be present if they are detected for more than six minutes of the fifteen minute period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 9: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

**Applicable Federal Requirement:40CFR 63.11519(b), Subpart XXXXXX**

**Item 9.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 9.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Xylem must prepare and submit an Annual Certification and Compliance Report for each affected source subject to 40CFR63 Subpart XXXXXX (Nine Metal Fabrication and Finishing Source Categories) which includes:

**GENERAL INFORMATION:**

- (i) Company name and address;
- (ii) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report; and
- (iii) Date of report and beginning and ending dates of the reporting period. The reporting period is the 12-month period ending on December 31st. Note that the information reported for the 12 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.

**VISUAL DETERMINATION OF FUGITIVE EMISSIONS REQUIREMENTS:**



- (i) The date of every visual determination of fugitive emissions which resulted in detection of visible emissions;
- (ii) A description of the corrective actions taken subsequent to the test; and
- (iii) The date and results of the follow-up visual determination of fugitive emissions performed after the corrective actions.

The Report must be submitted for each calendar year by January 31st of the subsequent year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 10: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

**Applicable Federal Requirement: 40CFR 63.11519(c), Subpart XXXXXX**

**Item 10.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 10.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Xylem must collect and keep records of the data and information specified below for each affected source subject to 40CFR63 Subpart XXXXXX (Nine Metal Fabrication and Finishing Source Categories).

**GENERAL COMPLIANCE AND APPLICABILITY RECORDS:**

- (i) Each notification and report that you submitted to comply with this subpart, and the documentation supporting each notification and report.
- (ii) Records of the applicability determinations as in §63.11514(b)(1) through (5) listing equipment included in its affected source, as well as any changes to that and on what date they occurred, must be maintained for 5 years and be made available for inspector review at any time.

**VISUAL DETERMINATION OF FUGITIVE EMISSIONS RECORD:**

Maintain a record of the information specified in



§63.11519(c)(2)(i) - (iii) for each affected source which performs visual determination of fugitive emissions in accordance with §63.11517(a), "Monitoring requirements."

- (i) The date and results of every visual determination of fugitive emissions;
- (ii) A description of any corrective action taken subsequent to the test; and
- (iii) The date and results of any follow-up visual determination of fugitive emissions performed after the corrective actions.

**MANUFACTURER'S SPECIFICATIONS:**

Maintain a record of the manufacturer's specifications for the control devices used to comply with §63.11516, "What are my standards and management practices?"

**MANUFACTURER'S INSTRUCTION:**

If you comply with this subpart by operating any equipment according to manufacturer's instruction, you must keep these instructions readily available for inspector review.

**RECORD RETENTION:**

- (i) Your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1), "General Provisions." Where appropriate, the records may be maintained as electronic spreadsheets or as a database.
- (ii) As specified in §63.10(b)(1), "General Provisions," you must keep each record for 5 years following the date of each occurrence, measurement, corrective action, report, or record.
- (iii) You must keep each record on-site for at least 2 years after the date of each occurrence, measurement, corrective action, report, or record according to §63.10(b)(1), "General Provisions." You may keep the records off-site for the remaining 3 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

**Condition 11: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

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

**New York State Department of Environmental Conservation**

Permit ID: 9-1430-00007/02001

Facility DEC ID: 9143000007



**Item 11.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 11.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

If visible emissions above those that are normal (this may be zero percent opacity for many or all emission sources) and in compliance with 6NYCRR Part 228-1.3(a) are detected, the permittee shall determine the cause, make the necessary correction, and verify that the excess 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 permittee will immediately notify the Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: MONTHLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 22)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 12: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**



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

**Item 12.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 12.2:**

Compliance Demonstration 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 Part 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 Part 228-1.

Upon request, the owner or operator of an emission source subject to 6 NYCRR Part 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: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 13: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

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

**Item 13.1:**



The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(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 6 NYCRR Subpart 228-1.1(a) if such sale, specification, or use is prohibited by any of the provisions of Subpart 228-1. 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 14: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

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

**Item 14.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 14.2:**



Compliance Demonstration 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 a facility subject to this Subpart must:

(a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with volatile organic compounds (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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION





Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 15: Surface Coating- application requirements**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

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

**Item 15.1:**

This Condition applies to Emission Unit: U-00001

**Item 15.2:**

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 16: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

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

**Item 16.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 16.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC



OPERATIONS

Monitoring Description:

As approved in a letter from the Department to Xylem Heat Transfer dated March 5, 2014, Xylem Heat Transfer may use conventional spray equipment to apply up to 500 gallons per year (12-month rolling total basis) of Macroexpoxy 646 epoxy coating, as provided for under 6 NYCRR Subpart 228-1.3(e)(3)(ix).

Xylem Heat Transfer must maintain usage records as required per Subpart 228-1.3(b)(2) at the facility for a period of five years.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: COATING

Upper Permit Limit: 500 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

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

**Item 17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 6 NYCRR Part 228-1.4; provided such use is recorded on an as used basis and maintained at the facility for a period of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 18: Compliance Demonstration**  
**Effective between the dates of 01/26/2016 and 01/25/2026**



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

**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

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

**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The permittee owns/operates a Class B coating line for miscellaneous metal parts as described in 6NYCRR, Part 228-1.1(a)(1) Table 1. The annual actual volatile organic compounds (VOCs) from all sources at this facility regardless of process type, but excluding combustion installations, exceeds 3 tons. Therefore, the coating operations are subject to the "as applied" limits in 228-1.4(b)(4) Table B4 for miscellaneous metal parts. The maximum permitted pounds of VOC per gallon minus water and excluded VOC of coating at application is 3.5 pounds per gallon, air-dried.

The VOC content limits for Class B coating lines can be met by averaging the VOC content of the materials used on a single surface coating unit each day (i.e., daily within-coating unit averaging).

As per 6NYCRR Part 228-1.6(a), the owner or operator of any emission source subject to this Subpart must maintain and, upon request, provide the Department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of each "as applied" coating used at the facility. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained in a format acceptable to the department and, upon request, these records must be submitted to the Department.

The "as applied" VOC content is determined by Equation 1 as defined in Part 228-1.2(b)(125).

The owner and operator of any emission source subject to this Part must, upon request by the Department, use Method 24 as presented in Appendix A of both 40 CFR Parts 63 and 60, respectively, to measure the volatile content, water

**New York State Department of Environmental Conservation**

Permit ID: 9-1430-00007/02001

Facility DEC ID: 9143000007



content, density, volume of solids, and weight of solids in order to determine the actual VOC content of an as applied coating during a compliance demonstration. Alternate sampling and analysis methods can be used, subject to the approval of the department and the administrator.

Representatives of the department must be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance with this Subpart.

Any information or record showing noncompliance with the requirements of this Part must be reported to the department within 30 days following notice or generation of the information or record.

All records required must be maintained at the facility for a period of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: COATING

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.5 pounds per gallon

Reference Test Method: EPA Reference Method 24

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



**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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)**

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

**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 only enforceable.**

**Condition 19: Contaminant List**  
**Effective between the dates of 01/26/2016 and 01/25/2026**



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

**Item 19.1:**

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

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

**Condition 20: Malfunctions and start-up/shutdown activities  
Effective between the dates of 01/26/2016 and 01/25/2026**

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

**Item 20.1:**

(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 malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, 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 stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and 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. 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, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the 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.



**Condition 21: Emission Unit Definition**  
Effective between the dates of 01/26/2016 and 01/25/2026

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 21.1:**

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

Emission Unit: U-00001

Emission Unit Description:

Process paint booths.

Building(s): ANNEX  
MAIN

**Item 21.2:**

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

Emission Unit: U-00004

Emission Unit Description:

This emission unit contains natural gas powered wastewater evaporator(s) which is/are used to on various non-hazardous process wastes to create a solid waste for disposal purposes.

Building(s): MAIN

**Item 21.3:**

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

Emission Unit: U-00005

Emission Unit Description:

This emission unit contains vacuum furnaces which are used to brazing metal parts.

Building(s): MAIN

**Condition 22: Renewal deadlines for state facility permits**  
Effective between the dates of 01/26/2016 and 01/25/2026

**Applicable State Requirement:6 NYCRR 201-5.2 (c)**

**Item 22.1:**

The owner or operator of a facility having an issued state facility 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.

**Condition 23: Compliance Demonstration**  
Effective between the dates of 01/26/2016 and 01/25/2026

**Applicable State Requirement:6 NYCRR 201-5.3 (c)**

**Item 23.1:**

**New York State Department of Environmental Conservation**

Permit ID: 9-1430-00007/02001

Facility DEC ID: 9143000007



The Compliance Demonstration activity will be performed for the Facility.

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 9  
270 Michigan Ave.  
Buffalo, NY 14203

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 24: Visible Emissions Limited**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 24.1:**

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.

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

**Condition 25: Emission Point Definition By Emission Unit**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 25.1:**

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

Emission Unit: U-00001

Emission Point: 06814

Height (ft.): 6 Diameter (in.): 36

NYTMN (km.): 4755.3 NYTME (km.): 192.1 Building: MAIN

Emission Point: 07005

Height (ft.): 3 Diameter (in.): 42

NYTMN (km.): 4755.3 NYTME (km.): 192.1 Building: MAIN



**New York State Department of Environmental Conservation**

Permit ID: 9-1430-00007/02001

Facility DEC ID: 9143000007



Emission Point: 09043  
Height (ft.): 12                      Diameter (in.): 24  
NYTMN (km.): 4755.3              NYTME (km.): 192.1              Building: ANNEX

Emission Point: 93553  
Height (ft.): 5                      Diameter (in.): 24  
NYTMN (km.): 4755.3              NYTME (km.): 192.1              Building: MAIN

**Item 25.2:**

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

Emission Unit: U-00004

Emission Point: 01501  
Height (ft.): 12                      Diameter (in.): 4  
NYTMN (km.): 4753.8              NYTME (km.): 190.3              Building: MAIN

**Item 25.3:**

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

Emission Unit: U-00005

Emission Point: 01502  
Height (ft.): 24                      Diameter (in.): 3  
NYTMN (km.): 4753.8              NYTME (km.): 190.3              Building: MAIN

Emission Point: 01503  
Height (ft.): 24                      Diameter (in.): 3  
NYTMN (km.): 4753.8              NYTME (km.): 190.3              Building: MAIN

**Condition 26:      Process Definition By Emission Unit**  
**Effective between the dates of 01/26/2016 and 01/25/2026**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 26.1:**

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

Emission Unit: U-00001  
Process: 001                              Source Classification Code: 4-02-025-12  
Process Description: VARIOUS PAINT BOOTHS

Emission Source/Control: 3553F - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 6814F - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 7005F - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 9043F - Control



Control Type: FABRIC FILTER

Emission Source/Control: 06814 - Process

Emission Source/Control: 07005 - Process

Emission Source/Control: 09043 - Process

Emission Source/Control: 93553 - Process

**Item 26.2:**

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

Emission Unit: U-00004

Process: 004

Source Classification Code: 6-84-825-04

Process Description:

The use of a wastewater evaporator to remove liquid from non-hazardous process wastes in order to generate a solid waste for disposal.

Emission Source/Control: 01501 - Process

**Item 26.3:**

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

Emission Unit: U-00005

Process: 005

Source Classification Code: 3-09-042-00

Process Description:

The operation of vacuum furnaces for brazing metal parts.

Emission Source/Control: 01502 - Process

Emission Source/Control: 01503 - Process

