



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-4532-00006/02001
Effective Date: 08/02/2016 Expiration Date: 07/31/2026

Permit Issued To: GOULDS PUMPS LLC
240 FALL ST
SENECA FALLS, NY 13148

Contact: G BRENT LECLERC
ITT / GOULDS PUMPS, INC.
240 FALL ST
SENECA FALLS, NY 13148
(315) 568-7749

Facility: ITT GOULDS PUMPS
240 FALL ST
SENECA FALLS, NY 13148

Description:

Initial State Facility Application. Facility manufactures and paints industrial cast iron pumps. Facility operates a foundry to cast the pumps and sources for coating. Synthetic minor facility has applied to cap emissions of particulates, PM-10, PM-2.5, VOC, total HAP, and 12 individual HAPs. In addition to NYS permitting regulation (201-5), general process source regulation (212), combustion source regulation (227) and surface coating regulation (228) the facility is subject to 3 federal 'area source' (non-major) NESHAPS: 40 CFR 63.ZZZZ (reciprocating internal combustion engines), 4CFR 63.ZZZZZ (iron and steel foundry area source), 40 CFR 63.XXXXXX (metal fabrication and finishing).

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: KIMBERLY A MERCHANT
6274 EAST AVON-LIMA RD
AVON, NY 14414-9519

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

Item 3.2:

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

Item 3.3:

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



Condition 4: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 4.1:

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

Item 4.3:

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

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

Item 5.1:

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

Item 6.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(585) 226-2466

New York State Department of Environmental Conservation

Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: GOULDS PUMPS LLC
240 FALL ST
SENECA FALLS, NY 13148

Facility: ITT GOULDS PUMPS
240 FALL ST
SENECA FALLS, NY 13148

Authorized Activity By Standard Industrial Classification Code:
3561 - PUMPS AND PUMPING EQUIPMENT

Permit Effective Date: 08/02/2016

Permit Expiration Date: 07/31/2026



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 2 6 NYCRR 201-7.1: Facility Permissible Emissions
- *3 6 NYCRR 201-7.1: Capping Monitoring Condition
- *4 6 NYCRR 201-7.1: Capping Monitoring Condition
- *5 6 NYCRR 201-7.1: Capping Monitoring Condition
- *6 6 NYCRR 201-7.1: Capping Monitoring Condition
- *7 6 NYCRR 201-7.1: Capping Monitoring Condition
- *8 6 NYCRR 201-7.1: Capping Monitoring Condition
- *9 6 NYCRR 201-7.1: Capping Monitoring Condition
- *10 6 NYCRR 201-7.1: Capping Monitoring Condition
- *11 6 NYCRR 201-7.1: Capping Monitoring Condition
- *12 6 NYCRR 201-7.1: Capping Monitoring Condition
- *13 6 NYCRR 201-7.1: Capping Monitoring Condition
- *14 6 NYCRR 201-7.1: Capping Monitoring Condition
- *15 6 NYCRR 201-7.1: Capping Monitoring Condition
- *16 6 NYCRR 201-7.1: Capping Monitoring Condition
- *17 6 NYCRR 201-7.1: Capping Monitoring Condition
- *18 6 NYCRR 201-7.1: Capping Monitoring Condition
- *19 6 NYCRR 201-7.1: Capping Monitoring Condition
- 20 6 NYCRR 211.1: Air pollution prohibited
- 21 6 NYCRR 228-1.3 (c): Surface Coating- Prohibitions
- 22 6 NYCRR 228-1.6 (c): Surface coating access for sampling
- 23 40CFR 63, Subpart ZZZZ: Compliance Demonstration
- 24 40CFR 63.10890, Subpart ZZZZZ: Compliance Demonstration

Emission Unit Level

EU=U-00001

- 25 6 NYCRR 212.4 (a): Compliance Demonstration
- 26 6 NYCRR 212.4 (c): Compliance Demonstration
- 27 6 NYCRR 212.6 (a): Compliance Demonstration
- 28 40CFR 63.11514(a), Subpart XXXXXX: General applicability
- 29 40CFR 63.11514(b), Subpart XXXXXX: Compliance Demonstration
- 30 40CFR 63.11514(f), Subpart XXXXXX: Exemption for repair shops
- 31 40CFR 63.11516(a), Subpart XXXXXX: Compliance Demonstration
- 32 40CFR 63.11516(a), Subpart XXXXXX: Compliance Demonstration
- 33 40CFR 63.11516(b), Subpart XXXXXX: Compliance Demonstration
- 34 40CFR 63.11516(f), Subpart XXXXXX: Compliance Demonstration
- 35 40CFR 63.11517(a), Subpart XXXXXX: Compliance Demonstration
- 36 40CFR 63.11517(b), Subpart XXXXXX: Compliance Demonstration
- 37 40CFR 63.11517(c), Subpart XXXXXX: Compliance Demonstration
- 38 40CFR 63.11517(d), Subpart XXXXXX: Compliance Demonstration
- 39 40CFR 63.11519(b), Subpart XXXXXX: Compliance Demonstration
- 40 40CFR 63.11519(c), Subpart XXXXXX: Compliance Demonstration
- 41 40CFR 63.10885(a)(1), Subpart ZZZZZ: Compliance Demonstration
- 42 40CFR 63.10885(a)(2), Subpart ZZZZZ: Compliance Demonstration
- 43 40CFR 63.10886, Subpart ZZZZZ: Compliance Demonstration



EU=U-00002

44 6 NYCRR 227-1.3 (a): Compliance Demonstration

EU=U-00003

45 6 NYCRR 212.4 (a): Compliance Demonstration
46 6 NYCRR 228-1.1 (a) (3): Once in always in
47 6 NYCRR 228-1.3 (a): Compliance Demonstration
48 6 NYCRR 228-1.3 (b): Compliance Demonstration
49 6 NYCRR 228-1.3 (d): Compliance Demonstration
50 6 NYCRR 228-1.4 (b) (4): Compliance Demonstration
51 6 NYCRR 228-1.6 (a): Compliance Demonstration
52 6 NYCRR 228-1.6 (h): Compliance Demonstration

EU=U-00004

53 6 NYCRR 212.4 (a): Compliance Demonstration
54 6 NYCRR 212.4 (c): Compliance Demonstration
55 6 NYCRR 212.6 (a): Compliance Demonstration

EU=U-00004,Proc=PC1

56 40CFR 63.11514(a), Subpart XXXXXX: General applicability
57 40CFR 63.11514(b), Subpart XXXXXX: Compliance Demonstration
58 40CFR 63.11514(f), Subpart XXXXXX: Exemption for repair shops
59 40CFR 63.11516(a), Subpart XXXXXX: Compliance Demonstration
60 40CFR 63.11516(a), Subpart XXXXXX: Compliance Demonstration
61 40CFR 63.11516(b), Subpart XXXXXX: Compliance Demonstration
62 40CFR 63.11516(f), Subpart XXXXXX: Compliance Demonstration
63 40CFR 63.11517(a), Subpart XXXXXX: Compliance Demonstration
64 40CFR 63.11517(b), Subpart XXXXXX: Compliance Demonstration
65 40CFR 63.11519(b), Subpart XXXXXX: Compliance Demonstration
66 40CFR 63.11519(c), Subpart XXXXXX: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

67 ECL 19-0301: Contaminant List
68 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
69 6 NYCRR Subpart 201-5: Emission Unit Definition
70 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
71 6 NYCRR 201-5.3 (c): Compliance Demonstration
72 6 NYCRR 201-5.4 (e): Compliance Demonstration
73 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

74 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
75 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



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: 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 F: 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 G: 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 H: 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 I: 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 J: 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 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.

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1: Recycling and Emissions Reduction
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 82, Subpart F

Item 1.1:

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

Condition 2: Facility Permissible Emissions
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 2.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000050-00-0 PTE: 19,800 pounds per year
Name: FORMALDEHYDE

CAS No: 000067-56-1 PTE: 19,800 pounds per year
Name: METHYL ALCOHOL

CAS No: 000084-74-2 PTE: 19,800 pounds per year
Name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER

CAS No: 000091-20-3 PTE: 19,800 pounds per year
Name: NAPHTHALENE

CAS No: 000098-82-8 PTE: 19,800 pounds per year
Name: BENZENE, (1-METHYLETHYL)

CAS No: 000100-41-4 PTE: 19,800 pounds per year
Name: ETHYLBENZENE

New York State Department of Environmental Conservation

Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006



CAS No: 000106-42-3 PTE: 19,800 pounds per year
Name: XYLENE, PARA-

CAS No: 000107-21-1 PTE: 19,800 pounds per year
Name: 1,2-ETHANEDIOL

CAS No: 000108-10-1 PTE: 19,800 pounds per year
Name: 2-PENTANONE, 4-METHYL

CAS No: 000108-95-2 PTE: 19,800 pounds per year
Name: PHENOL

CAS No: 000822-06-0 PTE: 19,800 pounds per year
Name: HEXANE, 1,6-DIISOCYANATO-

CAS No: 001330-20-7 PTE: 19,800 pounds per year
Name: XYLENE, M, O & P MIXT.

CAS No: 0NY075-00-0 PTE: 199,800 pounds per year
Name: PARTICULATES

CAS No: 0NY075-00-5 PTE: 199,800 pounds per year
Name: PM-10

CAS No: 0NY075-02-5 PTE: 199,800 pounds per year
Name: PM 2.5

CAS No: 0NY100-00-0 PTE: 49,800 pounds per year
Name: TOTAL HAP

CAS No: 0NY998-00-0 PTE: 99,800 pounds per year
Name: VOC

Condition 3: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 3.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 3.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3.3:



New York State Department of Environmental Conservation

Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006

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.

Item 3.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000084-74-2

1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 10 tons per year of each individual Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for individual HAPs. Together with with VOC and particulate capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department



upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: MATERIAL
Parameter Monitored: TOTAL HAP
Upper Permit Limit: 10 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
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 4: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 4.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 4.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 4.3:

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.

Item 4.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 4.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 4.6:

New York State Department of Environmental Conservation

Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006



The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000106-42-3 XYLENE, PARA-

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 10 tons per year of each individual Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for individual HAPs. Together with with VOC and particulate capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 10 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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 5: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 5.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the



Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: MATERIAL
Parameter Monitored: TOTAL HAP
Upper Permit Limit: 10 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
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 6: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 6.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 6.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 6.3:

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.

Item 6.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This

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certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 6.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 6.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-02-5 PM 2.5

Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 100 tons per year of PM-2.5, calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds. Together with other particulate, VOC and HAP capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Particulate emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of collected foundry waste, shot blast material usage and welding rod usage to determine monthly emissions from those sources. Additionally, monthly emissions from any other permitted and/or fugitive particulate sources not mentioned above will be calculated monthly and emissions from these sources will be added to the monthly totals.

Existing particulate control equipment will be maintained in accordance with good engineering practices and manufactureres recomendations.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

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Process Material: MATERIAL
Parameter Monitored: MATERIAL
Upper Permit Limit: 100 tons per year
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
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 7: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 7.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 7.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 7.3:

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.

Item 7.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 7.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 7.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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6 NYCRR Subpart 201-6

Item 8.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 8.3:

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.

Item 8.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 8.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 8.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000822-06-0 HEXANE, 1,6-DIISOCYANATO-

Item 8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 10 tons per year of each individual Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for individual HAPs. Together with with VOC and particulate capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from

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coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 10 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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 9: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 9.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 9.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 9.3:

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.

Item 9.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

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Item 9.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 9.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 9.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 100 tons per year of PM-10, calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds. Together with other particulate, VOC and HAP capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Particulate emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of collected foundry waste, shot blast material usage and welding rod usage to determine monthly emissions from those sources. Additionally, monthly emissions from any other permitted and/or fugitive particulate sources not mentioned above will be calculated monthly and emissions from these sources will be added to the monthly totals.

Existing particulate control equipment will be maintained in accordance with good engineering practices and manufactureres recomendations.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: MATERIAL

Upper Permit Limit: 100 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

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Capping: Yes

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

Monitoring Description:

This facility is capped at less than 10 tons per year of each individual Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for individual HAPs. Together with with VOC and particulate capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 10 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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 11: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 11.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 11.2:

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Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 11.3:

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.

Item 11.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 11.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 11.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000098-82-8 BENZENE, (1-METHYLETHYL)

Item 11.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 10 tons per year of each individual Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for individual HAPs. Together with with VOC and particulate capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.



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All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: MATERIAL
Parameter Monitored: TOTAL HAP
Upper Permit Limit: 10 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
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 12: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 12.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 12.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 12.3:

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.

Item 12.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 12.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of

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the Act.

Item 12.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000108-95-2 PHENOL

Item 12.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 10 tons per year of each individual Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for individual HAPs. Together with with VOC and particulate capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 10 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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 13: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

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Item 13.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 13.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 13.3:

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.

Item 13.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 13.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 13.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 001330-20-7 XYLENE, M, O & P MIXT.

Item 13.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 10 tons per year of each individual Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for individual HAPs. Together with with VOC and particulate capping conditions, this facility is not applicable to



Title V permitting and is considered a synthetic minor.

Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: MATERIAL
Parameter Monitored: TOTAL HAP
Upper Permit Limit: 10 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
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 14: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 14.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 14.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 14.3:

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.

Item 14.4:

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On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 14.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 14.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000067-56-1 METHYL ALCOHOL

Item 14.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 10 tons per year of each individual Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for individual HAPs. Together with with VOC and particulate capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 10 tons per year

Monitoring Frequency: MONTHLY

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Capping: Yes

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

Monitoring Description:

This facility is capped at less than 10 tons per year of each individual Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for individual HAPs. Together with with VOC and particulate capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Individual HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of individual HAP emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: TOTAL HAP

Upper Permit Limit: 10 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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 16: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 16.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 16.2:

Operation of this facility shall take place in accordance with the approved criteria, emission



upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: VOC's

Upper Permit Limit: 50 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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 17: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 17.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 17.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 17.3:

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.

Item 17.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 17.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

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Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 18.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 18.3:

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.

Item 18.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 18.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 18.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 18.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 25 tons per year of Total Hazardous air Pollutants (HAP), calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds for Total HAP. Together with with total HAP and particulate capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

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Total HAP emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of VOC emissions from coating, foundry binder operations, and any other processes necessary to calculate monthly emissions.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: MATERIAL
Parameter Monitored: TOTAL HAP
Upper Permit Limit: 25 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY
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 19: Capping Monitoring Condition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 19.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 19.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 19.3:

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.

Item 19.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time

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period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 19.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 19.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 19.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This facility is capped at less than 100 tons per year of particulates, calculated on a rolling 12-month basis. This limit effectively caps this facility below Title V applicability thresholds. Together with other particulate, VOC and HAP capping conditions, this facility is not applicable to Title V permitting and is considered a synthetic minor.

Particulate emissions will be calculated monthly and added to the previous 11 month's emissions. The facility will keep monthly records of collected foundry waste, shot blast material usage and welding rod usage to determine monthly emissions from those sources. Additionally, monthly emissions from any other permitted and/or fugitive particulate sources not mentioned above will be calculated monthly and emissions from these sources will be added to the monthly totals.

Existing particulate control equipment will be maintained in accordance with good engineering practices and manufactureres recomendations.

All emission factors, control equipment efficiencies, calculations and emissions data are subject to Department approval and will be readily available to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

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Parameter Monitored: MATERIAL

Upper Permit Limit: 100 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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 20: Air pollution prohibited
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 211.1

Item 20.1:

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 21: Surface Coating- Prohibitions
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 21.1:

(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.

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Condition 22: Surface coating access for sampling
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 228-1.6 (c)

Item 22.1:

Representatives of the department must be permitted on the facility owner's property, during reasonable business hours, to obtain coating samples for the purpose of determining compliance with the requirements of 6 NYCRR Part 228-1.

Condition 23: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 23.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Department has not accepted delegation of 40 CFR 63 Subpart ZZZZ. Any questions concerning compliance and/or enforcement with this regulation should be referred to USEPA region 2, 290 Broadway, 21st floor, New York, NY, 10007-1866; (212) 637-4080. Should the Department accept delegation of any portions of 40 CFR 63 Subpart ZZZZ during the term of this permit, enforcement for those portions will revert to the Department as of the effective date of delegation.

Subpart ZZZZ compliance reporting should be included in the annual Air State Facility compliance report required by this permit and should also be sent to USEPA.

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 24: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026



Applicable Federal Requirement:40CFR 63.10890, Subpart ZZZZZ

Item 24.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As required by 40CFR 63.10(b)(1), the owner or operator must maintain files of all information (including all reports and notifications) for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data shall be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.

The owner or operator must maintain records of the information specified in 40CFR 63.10890(e)(1) through (7) according to the requirements in 40CFR 63.10(b)(1).

Following the initial determination for an existing affected source as a small foundry, if the annual metal melt production exceeds 20,000 tons during the preceding year, the owner or operator must comply with the requirements for large foundries by the applicable dates in 40CFR 63.10881(d)(1)(i) or (d)(1)(ii). Following the initial determination for a new affected source as a small foundry, if the owner or operator increases the annual metal melt capacity to exceed 10,000 tons, he/she must comply with the requirements for a large foundry by the applicable dates in 40CFR 63.10881(e)(1).

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).

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

Condition 25: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 212.4 (a)

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Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

The permittee verify annually that the parameters used to demonstrate compliance with these tables have not significantly changed. These parameters include, but are not limited to engineering emission estimates, mass balances, process flows, production records, control equipment parameters, etc.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that Part 212 emissions standards may have been or continue to be exceeded. In such cases, the permittee shall investigate the cause, make any necessary corrections, and verify that the potential excess emissions problem has been corrected.

Records of observations, investigations and corrective actions will be kept on-site. A summary of these records will be included in the semi-annual monitoring and annual compliance monitoring reports.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 26: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 26.1:

The Compliance Demonstration activity will be performed for:

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Emission Unit: U-00001

Item 26.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance verifications at the monitoring frequency stated below. These verifications include review of pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure compliance with the particulate emission rate.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions above 0.050 gr/dscf are occurring or have occurred. These instances include but are not limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The permittee shall determine the cause of any exceedance, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these verifications, investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Monitoring Frequency: ANNUALLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 27: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. 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 emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Monitoring Frequency: ANNUALLY



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Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 28: General applicability
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11514(a), Subpart XXXXXX

Item 28.1:

This Condition applies to Emission Unit: U-00001

Item 28.2:

The facility is subject to 40 CFR 63, Subpart XXXXXX if the facility is an area source of HAP that is primarily engaged in the operations listed below. Detailed descriptions of these source categories are shown in Table 1 of Subpart XXXXXX.

- 1) Electrical and Electronic Equipment Finishing Operations
- 2) Fabricated Metal Products
- 3) Fabricated Plate Work (Boiler Shops)
- 4) Fabricated Structural Metal Manufacturing
- 5) Heating Equipment, except electrical
- 6) Industrial Machinery and Equipment Finishing Operations
- 7) Iron and Steel Forging
- 8) Primary Metal Products Manufacturing
- 9) Valves and Pipe Fittings

Condition 29: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11514(b), Subpart XXXXXX

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 29.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The provisions of 40CFR63.XXXXXX apply to each new and existing affected source listed and defined in paragraphs (b)(1) through (5) below if you use materials that contain or have the potential to emit metal fabrication or finishing metal HAP (MFHAP), defined to be the compounds of cadmium, chromium, lead, manganese, and nickel, or any of these metals in the elemental form with the exception of lead. Materials that contain MFHAP are defined to be materials that contain greater than 0.1 percent for carcinogens, as defined by OSHA at 29 CFR 1910.1200(d)(4), and greater than 1.0 percent for noncarcinogens. For the



MFHAP, this corresponds to materials that contain cadmium, chromium, lead, or nickel in amounts greater than or equal to 0.1 percent by weight (of the metal), and materials that contain manganese in amounts greater than or equal to 1.0 percent by weight (of the metal), as shown in formulation data provided by the manufacturer or supplier, such as the Material Safety Data Sheet for the material.

(1) A dry abrasive blasting affected source is the collection of all equipment and activities necessary to perform dry abrasive blasting operations which use materials that contain MFHAP or that have the potential to emit MFHAP.

(2) A machining affected source is the collection of all equipment and activities necessary to perform machining operations which use materials that contain MFHAP, as defined in §63.11522, “What definitions apply to this subpart?”, or that have the potential to emit MFHAP.

(3) A dry grinding and dry polishing with machines affected source is the collection of all equipment and activities necessary to perform dry grinding and dry polishing with machines operations which use materials that contain MFHAP, as defined in §63.11522, “What definitions apply to this subpart?”, or have the potential to emit MFHAP.

(4) A spray painting affected source is the collection of all equipment and activities necessary to perform spray-applied painting operations using paints which contain MFHAP. A spray painting affected source includes all equipment used to apply cleaning materials to a substrate to prepare it for paint application (surface preparation) or to remove dried paint; to apply a paint to a substrate (paint application) and to dry or cure the paint after application; or to clean paint operation equipment (equipment cleaning). Affected source(s) subject to the requirements of this paragraph are not subject to the miscellaneous surface coating provisions of subpart HHHHHH of this part, “National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources.”

(5) A welding affected source is the collection of all equipment and activities necessary to perform welding operations which use materials that contain MFHAP, as defined in §63.11522, “What definitions apply to this subpart?”, or have the potential to emit MFHAP

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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 30: Exemption for repair shops
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11514(f), Subpart XXXXXX

Item 30.1:

This Condition applies to Emission Unit: U-00001

Item 30.2:

The provisions of 40 CFR 63, Subpart XXXXXX do not apply to tool or equipment repair operations, facility maintenance, or quality control activities, as defined in §63.11522.

Condition 31: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility owns or operates a dry blasting affected source which consists of a dry abrasive blasting operation which has a vent allowing any air or blast material to escape, the facility must comply with the following requirements:

1- The facility must capture emissions and vent them to a filtration control device. The facility must operate the filtration control device according to manufacturer's instruction, and must demonstrate compliance with this requirement by maintaining a record of the manufacturer's specifications for the filtration control devices, as specified in §63.11519(c)(4).



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2- The facility must implement the management practices to minimize emissions of metal fabrication HAPs (MFHAPs) by performing the following:

- The facility must take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable; and
- The facility must enclose dusty abrasive material storage areas and holding bins, seal chutes, and conveyors that transport abrasive materials; and
- The facility must operate all equipment associated with dry abrasive blasting operations according to manufacturer's instructions.

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 32: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility owns or operates a dry abrasive blasting affected source which consists of a dry abrasive blasting operation which is performed on objects greater than 8 feet in any one dimension, the facility may implement management practices to minimize emissions of metal fabrication HAPs (MFHAPs) as specified below:

- 1) The facility must take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable; and
- 2) The facility must enclose abrasive material storage areas and holding bins, seal chutes, and conveyors that transport abrasive material; and

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3) The facility must operate all equipment associated with dry abrasive blasting operations according to the manufacturer's instructions; and

4) The facility must not re-use dry abrasive blasting media unless contaminants (i.e., any material other than the base metal, such as paint residue) have been removed by filtration or screening, and the abrasive material conforms to its original size; and

5) Whenever practicable, the facility must switch from high particulate matter(PM)-emitting blast media (e.g. sand) to low PM-emitting blast media (e.g. crushed glass, specular hematite, steel shot, aluminum oxide), where PM is a surrogate for MFHAP.

Visible emissions monitoring shall be performed, as specified in §63.11517, in order to demonstrate compliance with this condition.

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 33: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 33.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility owns or operates a machining affected source, the facility must implement management practices to minimize emissions of metal fabrication HAP (MFHAP) as specified below:

1) The facility must take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as applicable; and

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- 2) The facility must operate all equipment associated with machining according to manufacturer's instructions.

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 34: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 34.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

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

Item 34.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all welding operations which use metal fabrication HAPs (MFHAP) as defined in §63.11522, the facility must comply with the requirements listed in §63.11516(f)(1) and (2).

If the welding operations at the facility use at least 2000 pounds per year, calculated on a 12-month total, rolled monthly, of welding rods which contain one or more of the metal fabrication HAPs, then the facility must demonstrate that management practices or fume control measures are being implemented by complying with the requirements listed in §63.11516(f)(3)-(8).

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 35: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11517(a), Subpart XXXXXX

Item 35.1:
The Compliance Demonstration activity will be performed for:

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Emission Unit: U-00001

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

Item 35.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Visual determination of fugitive emissions must be performed according to the procedures of EPA Method 22, of 40 CFR part 60, Appendix A-7. The facility owner/operator 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.

Parameter Monitored: OPACITY
Upper Permit Limit: 0 percent
Reference Test Method: EPA Method 22
Monitoring Frequency: WHEN THE SOURCE IS OPERATING
Averaging Method: 6 MINUTE AVERAGE
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 36: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement: 40CFR 63.11517(b), Subpart XXXXXX

Item 36.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 36.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Visual determinations of fugitive emissions must be performed in accordance with 40 CFR 63.11517(a) and according to the schedule in paragraphs (1) through (4) below:



(1) Daily Method 22 Testing: Perform visual determination of fugitive emissions once per day, on each day the process is in operation, during operation of the process.

(2) Weekly Method 22 Testing: If no visible fugitive emissions are detected in consecutive daily EPA Method 22 tests, performed in accordance with paragraph (b)(1) of this section for 10 days of work day operation of the process, you may decrease the frequency of EPA Method 22 testing to once every five days of operation of the process (one calendar week). If visible fugitive emissions are detected during these tests, you must resume EPA Method 22 testing of that operation once per day during each day that the process is in operation, in accordance with paragraph (b)(1) of this section.

(3) Monthly Method 22 Testing: If no visible fugitive emissions are detected in four consecutive weekly EPA Method 22 tests performed in accordance with paragraph (b)(2) of this section, you may decrease the frequency of EPA Method 22 testing to once per 21 days of operation of the process (one calendar month). If visible fugitive emissions are detected during these tests, you must resume weekly EPA Method 22 in accordance with paragraph (b)(2) of this section.

(4) Quarterly Method 22 Testing: If no visible fugitive emissions are detected in three consecutive monthly EPA Method 22 tests performed in accordance with paragraph (b)(3) of this section, you may decrease the frequency of EPA Method 22 testing to once per 60 days of operation of the process (3 calendar months). If visible fugitive emissions are detected during these tests, you must resume monthly EPA Method 22 in accordance with paragraph (b)(3) of this section.

Parameter Monitored: OPACITY

Upper Permit Limit: 0 percent

Reference Test Method: EPA Method 22

Monitoring Frequency: WHEN THE SOURCE IS OPERATING

Averaging Method: 6 MINUTE AVERAGE

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 37: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11517(c), Subpart XXXXXX

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Item 37.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 37.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Visual determination of emissions opacity must be performed in accordance with the procedures of EPA Method 9, of 40 CFR part 60, Appendix A-4, and while the affected source is operating under normal conditions. The duration of the EPA Method 9 test shall be thirty minutes.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

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 38: Compliance Demonstration

Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11517(d), Subpart XXXXXX

Item 38.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 38.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator must perform visual determination of emissions opacity for welding Tier 2 or 3 sources in accordance with 40 CFR 63.11517(c) and according to the schedule in 40 CFR 63.11517(d)(1) through (5).

(1) Daily Method 9 testing for welding, Tier 2 or 3. Perform visual determination of emissions opacity once per day during each day that the process is in operation.



(2) Weekly Method 9 testing for welding, Tier 2 or 3. If the average of the six minute opacities recorded during any of the daily consecutive EPA Method 9 tests performed in accordance with paragraph (d)(1) of this section does not exceed 20 percent for 10 days of operation of the process, you may decrease the frequency of EPA Method 9 testing to once per five days of consecutive work day operation. If opacity greater than 20 percent is detected during any of these tests, you must resume testing every day of operation of the process according to the requirements of paragraph (d)(1) of this section.

(3) Monthly Method 9 testing for welding Tier 2 or 3. If the average of the six minute opacities recorded during any of the consecutive weekly EPA Method 9 tests performed in accordance with paragraph (d)(2) of this section does not exceed 20 percent for four consecutive weekly tests, you may decrease the frequency of EPA Method 9 testing to once per every 21 days of operation of the process. If visible emissions opacity greater than 20 percent is detected during any monthly test, you must resume testing every five days of operation of the process according to the requirements of paragraph (d)(2) of this section.

(4) Quarterly Method 9 testing for welding Tier 2 or 3. If the average of the six minute opacities recorded during any of the consecutive weekly EPA Method 9 tests performed in accordance with paragraph (d)(3) of this section does not exceed 20 percent for three consecutive monthly tests, you may decrease the frequency of EPA Method 9 testing to once per every 120 days of operation of the process. If visible emissions opacity greater than 20 percent is detected during any quarterly test, you must resume testing every 21 days (month) of operation of the process according to the requirements of paragraph (d)(3) of this section.

(5) Return to Method 22 testing for welding, Tier 2 or 3. If, after two consecutive months of testing, the average of the six minute opacities recorded during any of the monthly EPA Method 9 tests performed in accordance with paragraph (d)(3) of this section does not exceed 20 percent, you may resume EPA Method 22 testing as in paragraphs (b)(3) and (4) of this section. In lieu of this, you may elect to continue performing EPA Method 9 tests in accordance with paragraphs (d)(3) and (4) of this section.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent



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Reference Test Method: Method 9, 22
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
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 39: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 39.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

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

Item 39.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Any facility subject to the provisions in 40 CFR 63,
subpart XXXXXX must prepare and submit annual
certification and compliance reports for each affected
source according to the requirements of
§63.11519(b)(2)-(9).

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 40: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 40.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Regulated Contaminant(s):

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Item 40.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must collect and keep records of the data and information specified in §63.11519(c)(1)-(14), according to the provisions in §63.11519(c)(15).

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 41: Compliance Demonstration

Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.10885(a)(1), Subpart ZZZZZ

Item 41.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 41.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must prepare and operate at all times according to written material specifications for the purchase and use of only metal ingots, pig iron, slitter, or other materials that do not include post-consumer automotive body scrap, post-consumer engine blocks, post-consumer oil filters, oily turnings, lead components, chlorinated plastics, or free liquids. For the purpose of this subpart, free liquids is defined as material that fails the paint filter test by EPA Method 9095B, Paint Filter Liquids Test (revision 2), November 2004 (incorporated by reference see 40CFR 63.14). The requirements for no free liquids do not apply if the owner or operator can demonstrate that the free liquid is water that resulted from scrap exposure to rain.

Some scrap at the facility may be subject to a scrap management program in 40CFR 63.10885(a)(2).

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

Condition 42: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.10885(a)(2), Subpart ZZZZZ

Item 42.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 42.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must prepare and operate at all times according to written material specifications for the purchase and use of only iron and steel scrap that has been depleted (to the extent practicable) of organics and HAP metals in the charge materials used by the iron and steel foundry. The materials specifications must include at minimum the information specified in paragraph (i) or (ii).

(i) Except as provided in paragraph (ii), specifications for metallic scrap materials charged to a scrap preheater or metal melting furnace to be depleted (to the extent practicable) of the presence of used oil filters, chlorinated plastic parts, accessible lead-containing components (such as batteries and wheel weights), and a program to ensure the scrap materials are drained of free liquids.

(ii) For scrap charged to a cupola metal melting furnace that is equipped with an afterburner, specifications for metallic scrap materials to be depleted (to the extent practicable) of the presence of chlorinated plastics, accessible lead-containing components (such as batteries and wheel weights), and a program to ensure the scrap materials are drained of free liquids.

Some scrap at the facility may be subject to a scrap management program in 40CFR 63.10885(a)(1)

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 43: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026



Applicable Federal Requirement:40CFR 63.10886, Subpart ZZZZZ

Item 43.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Item 43.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each furfuryl alcohol warm box mold or core making line at a new or existing iron and steel foundry, the owner or operator must use a binder chemical formulation that does not use methanol as a specific ingredient of the catalyst formulation. This requirement does not apply to the resin portion of the binder system.

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 44: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 227-1.3 (a)

Item 44.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Item 44.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

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 emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee



will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Monitoring Frequency: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 45: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement: 6 NYCRR 212.4 (a)

Item 45.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00003

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

Item 45.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the



commissioner.

The permittee verify annually that the parameters used to demonstrate compliance with these tables have not significantly changed. These parameters include, but are not limited to engineering emission estimates, mass balances, process flows, production records, control equipment parameters, etc.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that Part 212 emissions standards may have been or continue to be exceeded. In such cases, the permittee shall investigate the cause, make any necessary corrections, and verify that the potential excess emissions problem has been corrected.

Records of observations, investigations and corrective actions will be kept on-site. A summary of these records will be included in the semi-annual monitoring and annual compliance monitoring reports.

Emissions of volatile organic compounds which are not given an A rating and are subject to or specifically exempted from 6NYCRR Part 228 are not subject to this condition or Part 212.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 46: Once in always in
Effective between the dates of 08/02/2016 and 07/31/2026**

Applicable Federal Requirement:6 NYCRR 228-1.1 (a) (3)

Item 46.1:

This Condition applies to Emission Unit: U-00003

Item 46.2:

Any coating line that is or becomes subject to the provisions of Subpart 228-1 will remain subject to these provisions even if the annual potential to emit or actual emissions of VOCs for the facility later falls below the thresholds set forth in Subdivision 228-1.1(a).

Condition 47: Compliance Demonstration



Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 47.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00003

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 47.2:

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 process 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 emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner



acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 48: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 48.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00003

Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) Except as provided for in paragraph (2) below, 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 lists 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 within 90 days of receiving the request. Any facility required to perform the overall removal efficiency calculation set forth in Equation 2 of section 228-1.5(c) of this Subpart, must maintain records to verify the parameters used in the calculation. A facility owner or operator must maintain a record that identifies each air cleaning device that has an overall removal efficiency of at least 90 percent. Any additional information required to determine compliance with this Part must be provided to the department in a format acceptable to the department. All records required by this paragraph must be maintained at the facility for a period of five years.

(2) Owners and operators of emission sources not subject to Part 228-1 as set forth in section 228-1.1(b)(9) or (13), or those sources that are using coatings not subject to specific requirements of tPart 228-1 as set forth in



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228-1.3(e)(2), or 228-1.4(b)(5)(iii)(e), (i) or (iv), must maintain records on an as used basis. The records must include the relevant regulatory citation of each exemption and quantity of coating used. If the exemption criteria are based on VOC usage, the records must contain calculations and supplier/manufacturer material data sheets for verification of VOC usage. All records required by this paragraph must be 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 49: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 49.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00003

Item 49.2:

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:

- (1) 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;
- (2) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
- (3) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
- (4) 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

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include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;

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

(6) minimize spills during the handling and transfer of coatings and VOC solvents; and

(7) clean hand held spray guns by one of the following:

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

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

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

(iv) 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: 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 50: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 50.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00003

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

Item 50.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

228-1 B4: Miscellaneous metal parts coatings

Miscellaneous metal parts coatings may not use coatings with VOC contents, as applied, which exceed the limits specified in table B4 of 6 NYCRR Part 228-1.

One or more of the following application techniques must be used 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.

For miscellaneous metal parts coating the following types of coatings and coating operations are exempt from the VOC content limits of table B4:

- (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.

A facility containing a coating line (other than a class A

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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 Part 228-1.4; provided such use is recorded in accordance with the requirements of 228-1.3(b)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 51: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 228-1.6 (a)

Item 51.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00003

Item 51.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Upon request by the Department, the owner or operator of an emission source subject to 6 NYCRR Part 228-1 must determine the actual VOC content of an as applied coating by measuring the volatile content, water content, density, volume of solids, and weight of solids in accordance with EPA Reference Test Method 311 or Method 24, included in Appendix A of 40 CFR parts 63 and 60 respectively, to demonstrate compliance with the requirements of Part 228-1.

An alternate sampling method that has been approved by both the Department and the Administrator may be used when Method 311 and/or Method 24 are not appropriate.

Reference Test Method: EPA Reference Test Method 311 or 24

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 52: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 228-1.6 (h)

Item 52.1:

The Compliance Demonstration activity will be performed for:

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Emission Unit: U-00003

Item 52.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any information or record showing noncompliance with the requirements of 228-1 'Surface Coating Processes' must be reported to the department within 30 days following notice or generation of the information or record. All records required by this condition must be maintained at the facility for a period of five years.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 53: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 53.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 53.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

The permittee verify annually that the parameters used to demonstrate compliance with these tables have not significantly changed. These parameters include, but are not limited to engineering emission estimates, mass balances, process flows, production records, control equipment parameters, etc.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that Part 212 emissions standards may have been or continue to be exceeded. In such cases, the permittee shall investigate the cause, make any necessary corrections, and verify that the potential excess emissions problem has



been corrected.

Records of observations, investigations and corrective actions will be kept on-site. A summary of these records will be included in the semi-annual monitoring and annual compliance monitoring reports.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 54: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 54.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004

Item 54.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

The permittee will conduct compliance verifications at the monitoring frequency stated below. These verifications include review of pertinent information relating to particulate emissions of the source, including but not limited to production rate, process material, air flow rate, control equipment parameters, visible emissions, etc. The permittee will confirm that during source operation all pertinent parameters (whether used to directly calculate particulate emission rate, or as surrogates) are within ranges that ensure compliance with the particulate emission rate.

Additionally, the permittee will investigate, in a timely manner, any instance where there is cause to believe that particulate emissions above 0.050 gr/dscf are occurring or have occurred. These instances include but are not

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limited to process upsets, control device malfunctions or problems, abnormal visible emissions, complaints, etc. The permittee shall determine the cause of any exceedance, make the necessary correction, and verify that the excess emissions problem has been corrected.

Records of these verifications, investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Monitoring Frequency: ANNUALLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 55: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 55.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004

Item 55.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. 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 emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

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The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Monitoring Frequency: ANNUALLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 56: General applicability

Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11514(a), Subpart XXXXXX

Item 56.1:

This Condition applies to Emission Unit: U-00004
Process: PC1

Item 56.2:

The facility is subject to 40 CFR 63, Subpart XXXXXX if the facility is an area source of HAP that is primarily engaged in the operations listed below. Detailed descriptions of these source categories are shown in Table 1 of Subpart XXXXXX.

- 1) Electrical and Electronic Equipment Finishing Operations
- 2) Fabricated Metal Products
- 3) Fabricated Plate Work (Boiler Shops)
- 4) Fabricated Structural Metal Manufacturing
- 5) Heating Equipment, except electrical
- 6) Industrial Machinery and Equipment Finishing Operations
- 7) Iron and Steel Forging
- 8) Primary Metal Products Manufacturing
- 9) Valves and Pipe Fittings

Condition 57: Compliance Demonstration

Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11514(b), Subpart XXXXXX



Item 57.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004

Process: PC1

Item 57.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The provisions of 40CFR63.XXXXXXX apply to each new and existing affected source listed and defined in paragraphs (b)(1) through (5) below if you use materials that contain or have the potential to emit metal fabrication or finishing metal HAP (MFHAP), defined to be the compounds of cadmium, chromium, lead, manganese, and nickel, or any of these metals in the elemental form with the exception of lead. Materials that contain MFHAP are defined to be materials that contain greater than 0.1 percent for carcinogens, as defined by OSHA at 29 CFR 1910.1200(d)(4), and greater than 1.0 percent for noncarcinogens. For the MFHAP, this corresponds to materials that contain cadmium, chromium, lead, or nickel in amounts greater than or equal to 0.1 percent by weight (of the metal), and materials that contain manganese in amounts greater than or equal to 1.0 percent by weight (of the metal), as shown in formulation data provided by the manufacturer or supplier, such as the Material Safety Data Sheet for the material.

(1) A dry abrasive blasting affected source is the collection of all equipment and activities necessary to perform dry abrasive blasting operations which use materials that contain MFHAP or that have the potential to emit MFHAP.

(2) A machining affected source is the collection of all equipment and activities necessary to perform machining operations which use materials that contain MFHAP, as defined in §63.11522, "What definitions apply to this subpart?", or that have the potential to emit MFHAP.

(3) A dry grinding and dry polishing with machines affected source is the collection of all equipment and activities necessary to perform dry grinding and dry polishing with machines operations which use materials that contain MFHAP, as defined in §63.11522, "What definitions apply to this subpart?", or have the potential to emit MFHAP.



(4) A spray painting affected source is the collection of all equipment and activities necessary to perform spray-applied painting operations using paints which contain MFHAP. A spray painting affected source includes all equipment used to apply cleaning materials to a substrate to prepare it for paint application (surface preparation) or to remove dried paint; to apply a paint to a substrate (paint application) and to dry or cure the paint after application; or to clean paint operation equipment (equipment cleaning). Affected source(s) subject to the requirements of this paragraph are not subject to the miscellaneous surface coating provisions of subpart HHHHHH of this part, "National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources."

(5) A welding affected source is the collection of all equipment and activities necessary to perform welding operations which use materials that contain MFHAP, as defined in §63.11522, "What definitions apply to this subpart?", or have the potential to emit MFHAP

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 58: Exemption for repair shops
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11514(f), Subpart XXXXXX

Item 58.1:

This Condition applies to Emission Unit: U-00004
Process: PC1

Item 58.2:

The provisions of 40 CFR 63, Subpart XXXXXX do not apply to tool or equipment repair operations, facility maintenance, or quality control activities, as defined in §63.11522.

Condition 59: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 59.1:

The Compliance Demonstration activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006



Emission Unit: U-00004
Process: PC1

Regulated Contaminant(s):
CAS No: ONY100-00-0 TOTAL HAP

Item 59.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility owns or operates a dry blasting affected source which consists of a dry abrasive blasting operation which has a vent allowing any air or blast material to escape, the facility must comply with the following requirements:

1- The facility must capture emissions and vent them to a filtration control device. The facility must operate the filtration control device according to manufacturer's instruction, and must demonstrate compliance with this requirement by maintaining a record of the manufacturer's specifications for the filtration control devices, as specified in §63.11519(c)(4).

2- The facility must implement the management practices to minimize emissions of metal fabrication HAPs (MFHAPs) by performing the following:

- The facility must take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable; and
- The facility must enclose dusty abrasive material storage areas and holding bins, seal chutes, and conveyors that transport abrasive materials; and
- The facility must operate all equipment associated with dry abrasive blasting operations according to manufacturer's instructions.

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 60: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 60.1:

The Compliance Demonstration activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006



Emission Unit: U-00004
Process: PC1

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

Item 60.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility owns or operates a dry abrasive blasting affected source which consists of a dry abrasive blasting operation which is performed on objects greater than 8 feet in any one dimension, the facility may implement management practices to minimize emissions of metal fabrication HAPs (MFHAPs) as specified below:

- 1) The facility must take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as practicable; and
- 2) The facility must enclose abrasive material storage areas and holding bins, seal chutes, and conveyors that transport abrasive material; and
- 3) The facility must operate all equipment associated with dry abrasive blasting operations according to the manufacturer's instructions; and
- 4) The facility must not re-use dry abrasive blasting media unless contaminants (i.e., any material other than the base metal, such as paint residue) have been removed by filtration or screening, and the abrasive material conforms to its original size; and
- 5) Whenever practicable, the facility must switch from high particulate matter(PM)-emitting blast media (e.g. sand) to low PM-emitting blast media (e.g. crushed glass, specular hematite, steel shot, aluminum oxide), where PM is a surrogate for MFHAP.

Visible emissions monitoring shall be performed, as specified in §63.11517, in order to demonstrate compliance with this condition.

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).



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Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006

Condition 61: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 61.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004

Process: PC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 61.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility owns or operates a machining affected source, the facility must implement management practices to minimize emissions of metal fabrication HAP (MFHAP) as specified below:

- 1) The facility must take measures necessary to minimize excess dust in the surrounding area to reduce MFHAP emissions, as applicable; and
- 2) The facility must operate all equipment associated with machining according to manufacturer's instructions.

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 62: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 62.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004

Process: PC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 62.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all welding operations which use metal fabrication HAPs (MFHAP) as defined in §63.11522, the facility must comply with the requirements listed in §63.11516(f)(1) and (2).

If the welding operations at the facility use at least 2000 pounds per year, calculated on a 12-month total, rolled monthly, of welding rods which contain one or more of the metal fabrication HAPs, then the facility must demonstrate that management practices or fume control measures are being implemented by complying with the requirements listed in §63.11516(f)(3)-(8).

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 63: Compliance Demonstration

Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11517(a), Subpart XXXXXX

Item 63.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004

Process: PC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 63.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Visual determination of fugitive emissions must be performed according to the procedures of EPA Method 22, of 40 CFR part 60, Appendix A-7. The facility owner/operator 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.

Parameter Monitored: OPACITY

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Upper Permit Limit: 0 percent
Reference Test Method: EPA Method 22
Monitoring Frequency: WHEN THE SOURCE IS OPERATING
Averaging Method: 6 MINUTE AVERAGE
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 64: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable Federal Requirement:40CFR 63.11517(b), Subpart XXXXXX

Item 64.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004
Process: PC1

Item 64.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Visual determinations of fugitive emissions must be performed in accordance with 40 CFR 63.11517(a) and according to the schedule in paragraphs (1) through (4) below:

(1) Daily Method 22 Testing: Perform visual determination of fugitive emissions once per day, on each day the process is in operation, during operation of the process.

(2) Weekly Method 22 Testing: If no visible fugitive emissions are detected in consecutive daily EPA Method 22 tests, performed in accordance with paragraph (b)(1) of this section for 10 days of work day operation of the process, you may decrease the frequency of EPA Method 22 testing to once every five days of operation of the process (one calendar week). If visible fugitive emissions are detected during these tests, you must resume EPA Method 22 testing of that operation once per day during each day that the process is in operation, in accordance with paragraph (b)(1) of this section.

(3) Monthly Method 22 Testing: If no visible fugitive emissions are detected in four consecutive weekly EPA Method 22 tests performed in accordance with paragraph (b)(2) of this section, you may decrease the frequency of

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EPA Method 22 testing to once per 21 days of operation of the process (one calendar month). If visible fugitive emissions are detected during these tests, you must resume weekly EPA Method 22 in accordance with paragraph (b)(2) of this section.

(4) Quarterly Method 22 Testing: If no visible fugitive emissions are detected in three consecutive monthly EPA Method 22 tests performed in accordance with paragraph (b)(3) of this section, you may decrease the frequency of EPA Method 22 testing to once per 60 days of operation of the process (3 calendar months). If visible fugitive emissions are detected during these tests, you must resume monthly EPA Method 22 in accordance with paragraph (b)(3) of this section.

Parameter Monitored: OPACITY

Upper Permit Limit: 0 percent

Reference Test Method: EPA Method 22

Monitoring Frequency: WHEN THE SOURCE IS OPERATING

Averaging Method: 6 MINUTE AVERAGE

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 65: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 65.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004

Process: PC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 65.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any facility subject to the provisions in 40 CFR 63, subpart XXXXXX must prepare and submit annual certification and compliance reports for each affected source according to the requirements of §63.11519(b)(2)-(9).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

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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 66: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 66.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00004
Process: PC1

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

Item 66.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must collect and keep records of the data and information specified in §63.11519(c)(1)-(14), according to the provisions in §63.11519(c)(15).

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).



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 by 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 be demonstrated 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 permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner 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 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 or operator seeking to establish the occurrence of an emergency has the burden of proof.

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

Item B: Public Access to Recordkeeping for 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 C: 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 67: Contaminant List
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable State Requirement:ECL 19-0301

Item 67.1:

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

CAS No: 000050-00-0

Name: FORMALDEHYDE

CAS No: 000067-56-1

Name: METHYL ALCOHOL

CAS No: 000084-74-2

Name: 1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER

CAS No: 000091-20-3

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Name: NAPHTHALENE

CAS No: 000098-82-8

Name: BENZENE, (1-METHYLETHYL)

CAS No: 000100-41-4

Name: ETHYLBENZENE

CAS No: 000106-42-3

Name: XYLENE, PARA-

CAS No: 000107-21-1

Name: 1,2-ETHANEDIOL

CAS No: 000108-10-1

Name: 2-PENTANONE, 4-METHYL

CAS No: 000108-95-2

Name: PHENOL

CAS No: 000822-06-0

Name: HEXANE, 1,6-DIISOCYANATO-

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY075-02-5

Name: PM 2.5

CAS No: 0NY100-00-0

Name: TOTAL HAP

CAS No: 0NY998-00-0

Name: VOC

Condition 68: Malfunctions and start-up/shutdown activities
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable State Requirement:6 NYCRR 201-1.4

Item 68.1:

(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 69: Emission Unit Definition
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 69.1:

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

Emission Unit: U-00001

Emission Unit Description:

Foundry operations including electric induction furnaces, muller/core making processes, mold pouring/cooling, sand transfer activities, general area ventilation and finishing operations and a thermal reclaim system.

Building(s): 30
305
30A
30B
311
313

New York State Department of Environmental Conservation

Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006



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37

Item 69.2:

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

Emission Unit: U-00002

Emission Unit Description:

Two 22.1 MMBtu/hr natural gas fired boilers

Building(s): 50

Item 69.3:

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

Emission Unit: U-00003

Emission Unit Description:

Coating Operations - facility wide.

Building(s): 10
11
202
206
207
207A
209
210
307
37
900

Item 69.4:

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

Emission Unit: U-00004

Emission Unit Description:

Pump assembly, finishing, and ancillary operations.

Building(s): 10
11
11A
12
20
202
205
206
209
20C
210
215
24
24A
24B
27
40

New York State Department of Environmental Conservation

Permit ID: 8-4532-00006/02001

Facility DEC ID: 8453200006



900

Condition 70: Renewal deadlines for state facility permits
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 70.1:

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 71: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

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

Item 71.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 71.2:

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 8
6274 East Avon-Lima Rd.
Avon, NY 14414

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 72: Compliance Demonstration
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable State Requirement:6 NYCRR 201-5.4 (e)

Item 72.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 72.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

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Facility DEC ID: 8453200006



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Changes at a facility that meet all of the criteria listed below may not require a permit modification and may be conducted without the prior approval of the Department.

1. Changes that do not cause facility emissions to exceed any emission limitation or other condition in the facility's permit.
2. Changes that do not cause the facility to become subject to any additional regulations or requirements.
3. Changes that do not seek to establish or modify a federally enforceable emission cap or limit.

The facility owner or operator must maintain records of the date and description of each such change for a period of at least five years. Records must be made available for review to Department representatives upon request, and must include the following information at a minimum:

1. Identification of the emission unit, process(es), emission source(s), and emission point(s) affected by the change;
2. The date on which the change occurred; and
3. A description of the change.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 73: Visible Emissions Limited
Effective between the dates of 08/02/2016 and 07/31/2026

Applicable State Requirement:6 NYCRR 211.2

Item 73.1:

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 74: Emission Point Definition By Emission Unit



Effective between the dates of 08/02/2016 and 07/31/2026

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 74.1:

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

Emission Unit:	U-00001		
Emission Point:	EP001		
Height (ft.):	32	Diameter (in.):	41
NYTMN (km.):	4752.669	NYTME (km.):	352.271
		Building:	313
Emission Point:	EP002		
Height (ft.):	23	Diameter (in.):	6
NYTMN (km.):	4752.669	NYTME (km.):	352.247
		Building:	313
Emission Point:	EP003		
Height (ft.):	5	Diameter (in.):	6
NYTMN (km.):	4752.675	NYTME (km.):	352.335
		Building:	313
Emission Point:	EP004		
Height (ft.):	9	Diameter (in.):	18
NYTMN (km.):	4752.671	NYTME (km.):	352.254
		Building:	313
Emission Point:	EP005		
Height (ft.):	17	Diameter (in.):	6
NYTMN (km.):	4752.66	NYTME (km.):	352.246
		Building:	313
Emission Point:	EP006		
Height (ft.):	21	Length (in.):	18
NYTMN (km.):	4752.67	NYTME (km.):	352.256
		Width (in.):	8
		Building:	313
Emission Point:	EP008		
Height (ft.):	24	Diameter (in.):	6
NYTMN (km.):	4752.67	NYTME (km.):	352.278
		Building:	313
Emission Point:	EP009		
Height (ft.):	25	Diameter (in.):	6
NYTMN (km.):	4752.673	NYTME (km.):	352.329
		Building:	305
Emission Point:	EP010		
Height (ft.):	17	Length (in.):	33
NYTMN (km.):	4752.65	NYTME (km.):	352.322
		Width (in.):	48
		Building:	305
Emission Point:	EP011		
Height (ft.):	20	Diameter (in.):	80
NYTMN (km.):	4752.642	NYTME (km.):	352.351
		Building:	30
Emission Point:	EP015		
Height (ft.):	41	Length (in.):	40
NYTMN (km.):	4752.6	NYTME (km.):	352.274
		Width (in.):	27
		Building:	30B

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Emission Point: EP016
Height (ft.): 21 Length (in.): 25 Width (in.): 50
NYTMN (km.): 4752.572 NYTME (km.): 352.193 Building: 30

Emission Point: EP017
Height (ft.): 23 Length (in.): 18 Width (in.): 36
NYTMN (km.): 4752.577 NYTME (km.): 352.191 Building: 30

Emission Point: EP018
Height (ft.): 31 Length (in.): 41 Width (in.): 28
NYTMN (km.): 4752.646 NYTME (km.): 352.178 Building: 30

Emission Point: EP019
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4752.65 NYTME (km.): 352.332 Building: 30

Item 74.2:

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

Emission Unit: U-00002

Emission Point: EP020
Height (ft.): 45 Diameter (in.): 48
NYTMN (km.): 4752.682 NYTME (km.): 352.221 Building: 50

Item 74.3:

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

Emission Unit: U-00003

Emission Point: EP013
Height (ft.): 33 Diameter (in.): 34
NYTMN (km.): 4752.581 NYTME (km.): 352.322 Building: 37

Emission Point: EP014
Height (ft.): 33 Diameter (in.): 34
NYTMN (km.): 4752.572 NYTME (km.): 352.322 Building: 37

Emission Point: EP021
Height (ft.): 28 Diameter (in.): 42
NYTMN (km.): 4752.556 NYTME (km.): 352.281 Building: 207A

Emission Point: EP023
Height (ft.): 31 Diameter (in.): 36
NYTMN (km.): 4752.531 NYTME (km.): 352.329 Building: 206

Emission Point: EP024
Height (ft.): 30 Diameter (in.): 42
NYTMN (km.): 4752.434 NYTME (km.): 352.301 Building: 210

Emission Point: EP025

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Height (ft.): 30	Diameter (in.): 42	
NYTMN (km.): 4752.434	NYTME (km.): 352.298	Building: 210
Emission Point: EP026		
Height (ft.): 30	Diameter (in.): 42	
NYTMN (km.): 4752.433	NYTME (km.): 352.296	Building: 210
Emission Point: EP027		
Height (ft.): 33	Diameter (in.): 42	
NYTMN (km.): 4752.45	NYTME (km.): 352.319	Building: 202
Emission Point: EP028		
Height (ft.): 32	Diameter (in.): 42	
NYTMN (km.): 4752.452	NYTME (km.): 352.319	Building: 202
Emission Point: EP030		
Height (ft.): 33	Diameter (in.): 34	
NYTMN (km.): 4752.456	NYTME (km.): 352.268	Building: 207
Emission Point: EP033		
Height (ft.): 39	Diameter (in.): 40	
NYTMN (km.): 4752.477	NYTME (km.): 352.103	Building: 11
Emission Point: EP037		
Height (ft.): 30	Diameter (in.): 30	
NYTMN (km.): 4752.441	NYTME (km.): 352.137	Building: 10
Emission Point: EP038		
Height (ft.): 30	Diameter (in.): 18	
NYTMN (km.): 4752.441	NYTME (km.): 352.135	Building: 10
Emission Point: EP040		
Height (ft.): 55	Diameter (in.): 48	
NYTMN (km.): 4752.575	NYTME (km.): 351.967	Building: 900
Emission Point: EP041		
Height (ft.): 55	Diameter (in.): 48	
NYTMN (km.): 4752.51	NYTME (km.): 351.975	Building: 900
Emission Point: EP042		
Height (ft.): 55	Diameter (in.): 48	
NYTMN (km.): 4752.575	NYTME (km.): 351.967	Building: 10
Emission Point: EP043		
Height (ft.): 55	Diameter (in.): 48	
NYTMN (km.): 4752.575	NYTME (km.): 351.967	Building: 10

Item 74.4:

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

Emission Unit: U-00004



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- Emission Point: EP022
Height (ft.): 17 Length (in.): 12 Width (in.): 24
NYTMN (km.): 4752.564 NYTME (km.): 352.333 Building: 206
- Emission Point: EP029
Height (ft.): 28 Diameter (in.): 16
NYTMN (km.): 4752.445 NYTME (km.): 352.304 Building: 202
- Emission Point: EP031
Height (ft.): 13 Diameter (in.): 22
NYTMN (km.): 4752.415 NYTME (km.): 352.368 Building: 215
- Emission Point: EP032
Height (ft.): 9 Length (in.): 15 Width (in.): 15
NYTMN (km.): 4752.447 NYTME (km.): 352.129 Building: 11A
- Emission Point: EP034
Height (ft.): 30 Diameter (in.): 12
NYTMN (km.): 4752.487 NYTME (km.): 352.091 Building: 11
- Emission Point: EP036
Height (ft.): 10 Length (in.): 20 Width (in.): 20
NYTMN (km.): 4752.698 NYTME (km.): 352.282 Building: 205
- Emission Point: EP039
Height (ft.): 20 Diameter (in.): 12
NYTMN (km.): 4752.442 NYTME (km.): 352.134 Building: 10

**Condition 75: Process Definition By Emission Unit
Effective between the dates of 08/02/2016 and 07/31/2026**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 75.1:

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

Emission Unit: U-00001
 Process: F01 Source Classification Code: 3-04-003-30
 Process Description:
 Foundry Operations subject to 40CFR63.6X. Shakeout/sand transfer activities, general foundry ventilation and finishing operations i.e. grinding and shotblasting.

Emission Source/Control: C0010 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0011 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0016 - Control
Control Type: FABRIC FILTER

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Emission Source/Control: C0017 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S010A - Process

Emission Source/Control: S010B - Process

Emission Source/Control: S010C - Process

Emission Source/Control: S010D - Process

Emission Source/Control: S011A - Process

Emission Source/Control: S011B - Process

Emission Source/Control: S011C - Process

Emission Source/Control: S011D - Process

Emission Source/Control: S011E - Process

Emission Source/Control: S016A - Process

Emission Source/Control: S016B - Process

Emission Source/Control: S016C - Process

Emission Source/Control: S017A - Process

Emission Source/Control: S017B - Process

Item 75.2:

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

Emission Unit: U-00001

Process: F02

Source Classification Code: 3-04-003-03

Process Description:

other foundry operations including electric induction
furnce operation, sand transfer, and core making
activities.

Emission Source/Control: C0001 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0002 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0003 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0004 - Control
Control Type: WET SCRUBBER

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Emission Source/Control: C0006 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0008 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0009 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0015 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0018 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S001A - Process

Emission Source/Control: S001B - Process

Emission Source/Control: S001C - Process

Emission Source/Control: S001D - Process

Emission Source/Control: S002A - Process

Emission Source/Control: S003A - Process

Emission Source/Control: S003B - Process

Emission Source/Control: S004A - Process

Emission Source/Control: S005A - Process

Emission Source/Control: S006A - Process

Emission Source/Control: S008A - Process

Emission Source/Control: S009A - Process

Emission Source/Control: S015A - Process

Emission Source/Control: S015B - Process

Emission Source/Control: S015C - Process

Emission Source/Control: S015D - Process

Emission Source/Control: S018A - Process

Emission Source/Control: S018B - Process

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Emission Source/Control: S018C - Process

Item 75.3:

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

Emission Unit: U-00001

Process: F03

Process Description:

This process includes the thermal reclaim system which includes the thermal reclaimer, pneumatic transporter, shaker separator and magnetic separator all of which exhaust to a baghouse. The thermal reclaimer and baghouse are subject NOT subject to 40 CFR 63 subpart UUU.

Emission Source/Control: C0019 - Control

Control Type: FABRIC FILTER

Emission Source/Control: MSEPR - Process

Emission Source/Control: PTRNS - Process

Emission Source/Control: SSEPR - Process

Emission Source/Control: TRCLM - Process

Item 75.4:

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

Emission Unit: U-00002

Process: B01

Process Description: Two 22.1 MMBtu/hr gas fired boilers.

Emission Source/Control: S020A - Combustion

Emission Source/Control: S020B - Combustion

Item 75.5:

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

Emission Unit: U-00003

Process: SC1

Source Classification Code: 4-02-001-01

Process Description:

Facility surface coating operations. These operations are primarily in the foundry, No. 1 Shop(ANSI focused) and the No. 2 Shop.

Emission Source/Control: C0013 - Control

Control Type: FABRIC FILTER

Emission Source/Control: C0014 - Control

Control Type: FABRIC FILTER

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Emission Source/Control: C0021 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0023 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0024 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0025 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0026 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0027 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0028 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0030 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0033 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0037 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0038 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0040 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0041 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S013A - Process

Emission Source/Control: S021A - Process

Emission Source/Control: S023A - Process

Emission Source/Control: S024A - Process

Emission Source/Control: S027A - Process

Emission Source/Control: S028A - Process

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Emission Source/Control: S030A - Process

Emission Source/Control: S033A - Process

Emission Source/Control: S037A - Process

Emission Source/Control: S040A - Process

Emission Source/Control: S041A - Process

Emission Source/Control: S042A - Process

Item 75.6:

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

Emission Unit: U-00004

Process: PC1

Source Classification Code: 3-16-120-03

Process Description:

Parts cleaning, grinding, finishing including Part 201
exempt machining and welding sources.

Emission Source/Control: C0022 - Control

Control Type: FABRIC FILTER

Emission Source/Control: C0031 - Control

Control Type: FABRIC FILTER

Emission Source/Control: C0032 - Control

Control Type: FABRIC FILTER

Emission Source/Control: S022A - Process

Emission Source/Control: S031A - Process

Emission Source/Control: S032A - Process

Item 75.7:

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

Emission Unit: U-00004

Process: PD1

Source Classification Code: 4-02-008-99

Process Description: Paint drying ovens

Emission Source/Control: S029A - Process

Emission Source/Control: S034A - Process

Emission Source/Control: S039A - Process

Item 75.8:

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

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Emission Unit: U-00004
Process: PS1
Process Description: Pattern shop operations.

Emission Source/Control: S036A - Process

