

Facility DEC ID: 2610700079

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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
 Permit ID: 2-6107-00079/00009  
 Effective Date: 05/24/2019 Expiration Date: 05/23/2024

Permit Issued To: NYC TRANSIT AUTHORITY  
 2 BROADWAY FL 5  
 NEW YORK, NY 10004

Contact: DOREEN A BOATSWAIN  
 MTA NEW YORK CITY TRANSIT  
 2 BROADWAY FL 27  
 NEW YORK, NY 10004  
 (646) 252-5777

Facility: NYC-TA CONEY ISLAND YARD  
 2556 MCDONALD AVE @ AVE X  
 BROOKLYN, NY 11223

Description:

**TYPE OF EQUIPMENT AND OPERATIONS AT THE FACILITY:**

New York City Transit Authority - Coney Island Yard is located at Avenue X & McDonald Avenue/2556 McDonald Avenue, Brooklyn N.Y. It is a maintenance and repair facility for subway cars. The facility has the following equipment and operations at this location:

1. Three stationary combustion units (boilers) each boiler is rated at 24.5mmbtu/hr.
2. A subway car paint booth which uses a water curtain and dry filter for particulate control. This booth has 2 emission points.
3. A car component paint booth which utilizes a dry filter for particulate control. This has 1 emission point.
4. An electric motor repair shop coating operations, which consists of two insulating resin coating lines and one paint spray booth. One of the resin coating lines is a traction motor resin coating line which consists of two vacuum pressure impregnation (VPI) coating tanks vented to an area exhaust, a gas-fired pre-heat oven and four gas-fired curing ovens. The other resin coating line is a small motor shop resin coating line which consists of an electric powered oven to dry parts prior to coating, A VPI tank, and one preheat and one curing oven and the open spray booth. The closed spray paint booth has been dismantled and removed from the shop.
5. One tanks used for manual dip coating of parts in the shoe beam repair shop.
6. The following operations which emit air pollutants at the facility are classified as exempt or trivial: (A) stationary or portable combustion installations where the furnace has a heat input < 10 mmbtu/hr. (B) gasoline powered ic engines having a maximum mechanical rating < 50 BHP. (C) Emergency power generating units. (D) Abrasive cleaning operations. (E) Distillate and

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residual fuel oil tanks with storage capacities < 300,000 bbls. (F) Non-vapor phase cleaning equipment. (G) Exhaust systems for paint mixing, transfer filling or sampling.

6. The following operations which emit air pollutants at the facility are classified as exempt or trivial:

- (a) stationary or portable combustion installations where the furnace has a heat input < 10 mmBtu/hr.
- (b) gasoline powered IC engines having a maximum mechanical rating < 50 bhp.
- (c) emergency power generating units
- (d) abrasive cleaning operations
- (e) distillate and residual fuel oil tanks with storage capacities <300,000 bbls
- (f) non-vapor phase cleaning equipment
- (g) exhaust systems for paint mixing, transfer filling or sampling.

The Standard Industrial Classification Code is 4111 - Local and Suburban Transit.

**AIR PERMIT APPLICABILITY:**

The facility's emissions for Volatile Organic Compounds exceed the major source pollutant thresholds listed in 6NYCRR Subpart 201-6. Therefore, the facility is subject to the provisions of Title V. Also applicable are the requirements of 6NYCRR parts 225, 228, 227-2 and 40CFR 60 Subpart Dc for the new boilers..

This Title V permit contains a complete listing of the applicable federal, state and compliance monitoring requirements for the facility, its emission units and its emission points.

**OCCURRENCES OF CAPPING:**

The facility is proposing a NOx emission cap of 24.5 tons per year on emission unit 2-00BLR and will be in compliance with all applicable state and federal regulations such as new source review.

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:           STEPHEN A WATTS  
  47-40 21ST ST  
  LONG ISLAND CITY, NY 11101-5401

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

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### Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

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- 5 4 Permit modifications, suspensions or revocations by the Department

**Facility Level**

- 5 5 Submission of application for permit modification or renewal -  
REGION 2 HEADQUARTERS

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**DEC GENERAL CONDITIONS**

\*\*\*\* General Provisions \*\*\*\*

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

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

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

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

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

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

**Item 2.1:**

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

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

**Applicable State Requirement: 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 the expiration of permits for Title V and State Facility Permits.

**Item 3.3**

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

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submitted prior to actual transfer of ownership.

**Condition 4: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

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

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

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

**Condition 5: Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 2 Headquarters  
Division of Environmental Permits  
1 Hunters Point Plaza, 4740 21st Street  
Long Island City, NY 11101-5407  
(718) 482-4997

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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: NYC TRANSIT AUTHORITY  
2 BROADWAY FL 5  
NEW YORK, NY 10004

Facility: NYC-TA CONEY ISLAND YARD  
2556 MCDONALD AVE @ AVE X  
BROOKLYN, NY 11223

Authorized Activity By Standard Industrial Classification Code:  
4111 - LOCAL AND SUBURBAN TRANSIT

Permit Effective Date: 05/24/2019

Permit Expiration Date: 05/23/2024

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**FEDERALLY ENFORCEABLE CONDITIONS**

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- 8 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
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- 8 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 11 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 13 7 6 NYCRR 202-2.1: Compliance Certification
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- 13 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 14 10 6 NYCRR 200.7: Maintenance of Equipment
- 15 11 6 NYCRR 201-1.7: Recycling and Salvage
- 15 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 15 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
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- 17 19 6 NYCRR 202-1.1: Required Emissions Tests
- 17 20 40 CFR Part 68: Accidental release provisions.
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- 18 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 19 23 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 20 24 6 NYCRR 211.2: Visible Emissions Limited
- 20 25 6 NYCRR 225-1.2 (h): Compliance Certification
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**Emission Unit Level**

- 26 30 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 27 31 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 30 32 6 NYCRR Subpart 201-7: Emission Unit Permissible Emissions

**EU=1-000SC**

- 30 33 6 NYCRR 228-1.4 (b) (4) (ii): Compliance Certification
- 31 34 6 NYCRR 228-1.10: Compliance Certification

**EU=2-00BLR**

- 33 \*35 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 34 36 6 NYCRR 227-2.4 (d): Compliance Certification
- 35 37 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
- 36 38 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Certification
- 36 39 40CFR 60.48c(c), NSPS Subpart Dc: Compliance Certification



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- 37 40 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
- 37 41 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Certification
- 38 42 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

**EU=2-00BLR,Proc=002**

- 39 43 6 NYCRR 227.2 (b) (1): Compliance Certification

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- 40 44 6 NYCRR Subpart 202-1: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 43 45 ECL 19-0301: Contaminant List
- 43 46 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 44 47 6 NYCRR 211.1: Air pollution prohibited

NOTE: \* preceding the condition number indicates capping.

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**FEDERALLY ENFORCEABLE CONDITIONS****\*\*\*\* Facility Level \*\*\*\*****NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

**Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**

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

**Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**

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

**Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**

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

**Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of

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planned changes or anticipated noncompliance does not stay any permit condition.

**Item F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)**

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

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

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

**Item H: Severability - 6 NYCRR 201-6.4 (a) (9)**

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

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

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

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

ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;

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- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

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

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

- i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

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

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

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

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

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

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

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

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

**Condition 1: Acceptable Ambient Air Quality**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement: 6 NYCRR 200.6**

**Item 1.1:**

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

**Condition 2: Fees**

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Effective between the dates of 05/24/2019 and 05/23/2024

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

**Item 2.1:**

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

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring**  
Effective between the dates of 05/24/2019 and 05/23/2024

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

**Item 3.1:**

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

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

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement**  
Effective between the dates of 05/24/2019 and 05/23/2024

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

**Item 4.1:**

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

**Condition 5: Compliance Certification**  
Effective between the dates of 05/24/2019 and 05/23/2024

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**Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)****Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

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

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

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

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

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions



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Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2019.  
Subsequent reports are due every 6 calendar month(s).

**Condition 6: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (e)**

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

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

- i. Compliance certifications shall contain:
  - the identification of each term or condition of the permit that is the basis of the certification;
  - the compliance status;
  - whether compliance was continuous or intermittent;
  - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related record keeping and reporting requirements of this permit;
  - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;
  - and
  - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in

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this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

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

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
Hunters Point Plaza  
47-40 21st Street  
Long Island City, NY 11101-5407

The address for the BQA is as follows:

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2020.  
Subsequent reports are due on the same day each year

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**Condition 7: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

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

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

**Condition 8: Recordkeeping requirements**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

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

**Item 8.1:**

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

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

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

**Condition 9: Open Fires - Prohibitions**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR 215.2**

**Item 9.1:**

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

**Item 9.2**

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

(a) On-site burning in any town with a total population less than 20,000 of downed limbs and

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branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.

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

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

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

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

**Condition 10: Maintenance of Equipment  
Effective between the dates of 05/24/2019 and 05/23/2024**

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**Applicable Federal Requirement:6 NYCRR 200.7****Item 10.1:**

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

**Condition 11: Recycling and Salvage**  
Effective between the dates of 05/24/2019 and 05/23/2024

**Applicable Federal Requirement:6 NYCRR 201-1.7****Item 11.1:**

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

**Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air**  
Effective between the dates of 05/24/2019 and 05/23/2024

**Applicable Federal Requirement:6 NYCRR 201-1.8****Item 12.1:**

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

**Condition 13: Exempt Sources - Proof of Eligibility**  
Effective between the dates of 05/24/2019 and 05/23/2024

**Applicable Federal Requirement:6 NYCRR 201-3.2 (a)****Item 13.1:**

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

**Condition 14: Trivial Sources - Proof of Eligibility**  
Effective between the dates of 05/24/2019 and 05/23/2024

**Applicable Federal Requirement:6 NYCRR 201-3.3 (a)****Item 14.1:**

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

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**Condition 15: Requirement to Provide Information**  
Effective between the dates of 05/24/2019 and 05/23/2024

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)**

**Item 15.1:**

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

**Condition 16: Right to Inspect**  
Effective between the dates of 05/24/2019 and 05/23/2024

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)**

**Item 16.1:**

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

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

**Condition 17: Off Permit Changes**  
Effective between the dates of 05/24/2019 and 05/23/2024

**Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)**

**Item 17.1:**

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit

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(whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

**Condition 18: Required Emissions Tests**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 18.1:**

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

**Condition 19: Required Emissions Tests**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 19.1:**

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

**Condition 20: Accidental release provisions.**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:40 CFR Part 68**

**Item 20.1:**

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

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1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

**Condition 21: Recycling and Emissions Reduction**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

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

**Item 21.1:**

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

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

**Condition 22: Emission Unit Definition**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

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

**Item 22.1:**

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

Emission Unit: 1-000SC

Emission Unit Description:

Emission Unit consists of surface coating of subway cars and car components in the Car Repair, Electric Motor Repair Shop and Shoe Beam Repair Shop Departments. Activities within the car repair department of the Overhaul Shop include a subway car paint booth (Emission Points 01004-01005) which utilizes a water curtain (Emission Source WC001) and dry filter (Emission Source FLT01) for particulate control, and a car component paint booth (Emission Point 00002) which utilizes a dry filter for particulate control. Electric Motor Repair shop coating operations consist of two insulating resin coating lines and one paint spray booth located in the Electric Motor Shop building. The traction motor resin coating lines consist of two VPI coating tanks vented by an area exhaust (Emission Point 00004), a gas fired pre heat oven (Emission Point 00003) and four gas fired curing ovens



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(Emission Point 00005). The Small Motor Shop resin coating line consists of an electric powered oven to dry parts prior to coating (emissions are negligible), a VPI tank (Emission Point 00006) and one preheat and one curing oven, vented to a common stack (Emission Point 00007). The paint spray booth consists of one open booth (Emission Source TM059). A heat cleaning oven to be utilized to heat clean hydrocarbon based resin coatings from trays and other VPI process equipment parts is also included (Emission Source 00011). This emission unit also includes one tank used for manual dip coating of parts in the Shoe Beam Repair Shop, which is located within the Overhaul Shop Building and is not directly vented (ie., emissions are fugitive). The AC Motor Shop is part of the Motor Repair Shop but is located in the Overhaul Shop and has one drying oven (Emission Point 00012) and two electric ovens used to heat parts.

Building(s): EMR  
 OVERHAUL

**Item 22.2:**

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

Emission Unit: 2-00BLR

Emission Unit Description:

This emission unit is comprised of 3 new permanent Cleaver-Brooks Boilers each rated at 24.5 mmbtu/hr heat input. Two of the three permanent boilers will be operated under normal operations with the third as standby. The boilers will burn both natural gas and #2 fuel oil. All the boilers will have individual stacks. The emission points 00013, 00014, and 00015 exhaust the 3 new permanent boilers.

Building(s): BOILER

**Condition 23: Progress Reports Due Semiannually**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (d) (4)**

**Item 23.1:**

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

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

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

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**Condition 24: Visible Emissions Limited**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR 211.2**

**Item 24.1:**

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

**Condition 25: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (h)**

**Item 25.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 25.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
 Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
 Parameter Monitored: SULFUR CONTENT  
 Upper Permit Limit: 0.0015 percent by weight  
 Monitoring Frequency: PER DELIVERY  
 Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
 Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 26: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

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**Applicable Federal Requirement:6 NYCRR 225.7 (a)**

**Item 26.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 26.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum, supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submitted to, the NYSDEC as per the stated reporting requirement.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

**Condition 27: Compliance Certification**

**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR Part 226**

**Item 27.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

6NYCRR 226. Requirements for Open-top Vapor Degreasers (For Title V)

A. Equipment Specifications

The following types of control equipment must be used when conducting open-top vapor degreasing, solvent metal cleaning:

- 1) A cover which can be operated easily without disturbing the vapor zone.

(2) Safety switches which shut off the sump heat if the condenser malfunctions and shall shut off the pump if the vapor level drops excessively

(3) One of the following:

(i) a freeboard ratio that is greater than or equal to 0.75, and a powered or mechanically assisted cover if the top opening is greater than 10 square feet;

(ii) a refrigerated chiller; or

(iii) local exhaust ventilation and a carbon adsorption unit, or an equivalent system, for collection of VOCs.

B. Operating Requirements:

(1) Minimize solvent carry-out by the following measures:

(i) rack parts to allow full drainage;

(ii) move parts in and out of degreaser tank at less than 11 ft/min;

(iii) degrease the work load in the vapor zone at least 30 seconds or until condensation ceases;

(iv) tip out any pools of solvent before removal; and

(v) dry parts for at least 15 seconds before removal.

(2) Work loads shall not occupy more than half the open-top area of the degreaser tank.

(3) Spray only below the vapor level.

C. General Requirements:

A Person conducting solvent metal cleaning must:

(1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.

(2) Maintain equipment to minimize leaks and fugitive emissions.

(3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.

(4) Keep the degreaser cover closed except when:

(a) parts are being placed into or being removed from the degreaser;

(b) adding or removing solvent from the degreaser;

or

(c) no solvent is in the degreaser.

(5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.

(6) Not clean sponges, fabric, wood, leather, paper

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products and other absorbent materials in a degreaser.

(7) Include in the semiannual monitoring report and annual compliance certifications ( required of all permittees subject to Title V) the solvent consumption required under (5) above, as well as a statement that the permittee's obligations under items (1) through (6) above have been met for the period of the report or certification.. This statement must be based on the permittees observations on a daily basis that the operation of the solvent metal cleaning process has met the above criteria. The permittee must maintain a log of instances when the above have not been met, and such statement must summarize these instances.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

**Condition 28: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR 227-1.3**

**Item 28.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name

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- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2019.  
Subsequent reports are due every 6 calendar month(s).

**Condition 29: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

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

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

**Item 29.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

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## 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 6 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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

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

**Condition 30: Emission Point Definition By Emission Unit**

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

**Item 30.1:**

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

Emission Unit:	1-000SC		
Emission Point:	00002		
Height (ft.):	45	Diameter (in.):	24
NYTMN (km.):	4493.385	NYTME (km.):	586.654
		Building:	OVERHAUL
Emission Point:	00003		
Height (ft.):	36	Length (in.):	18
NYTMN (km.):	4493.385	NYTME (km.):	586.654
		Width (in.):	18
		Building:	EMR
Emission Point:	00004		
Height (ft.):	36	Length (in.):	25
NYTMN (km.):	4493.385	NYTME (km.):	586.654
		Width (in.):	25
		Building:	EMR
Emission Point:	00005		
Height (ft.):	34	Diameter (in.):	30
NYTMN (km.):	4493.385	NYTME (km.):	586.654
		Building:	EMR
Emission Point:	00006		
Height (ft.):	35	Diameter (in.):	18
NYTMN (km.):	4493.385	NYTME (km.):	586.654
		Building:	EMR
Emission Point:	00007		
Height (ft.):	37	Length (in.):	26
NYTMN (km.):	4493.385	NYTME (km.):	586.654
		Width (in.):	12
		Building:	EMR
Emission Point:	00010		
Height (ft.):	37	Length (in.):	26
NYTMN (km.):	4493.385	NYTME (km.):	586.654
		Width (in.):	26
		Building:	EMR
Emission Point:	00011		
Height (ft.):	29	Diameter (in.):	16
NYTMN (km.):	4493.385	NYTME (km.):	586.654
Emission Point:	00012		
Height (ft.):	30	Diameter (in.):	10
NYTMN (km.):	4493.385	NYTME (km.):	586.654
		Building:	OVERHAUL
Emission Point:	01004		
Height (ft.):	66	Diameter (in.):	49
NYTMN (km.):	4493.85	NYTME (km.):	586.654
		Building:	OVERHAUL
Emission Point:	01005		
Height (ft.):	66	Diameter (in.):	49
NYTMN (km.):	4493.85	NYTME (km.):	586.654
		Building:	OVERHAUL



Permit ID: 2-6107-00079/00009

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**Item 30.2:**

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

Emission Unit: 2-00BLR

Emission Point: 00013

Height (ft.): 155 Diameter (in.): 26  
 NYTMN (km.): 4493.385 NYTME (km.): 586.654 Building: BOILER

Emission Point: 00014

Height (ft.): 155 Diameter (in.): 26  
 NYTMN (km.): 4493.385 NYTME (km.): 586.654 Building: BOILER

Emission Point: 00015

Height (ft.): 155 Diameter (in.): 26  
 NYTMN (km.): 4493.385 NYTME (km.): 586.654 Building: BOILER

**Condition 31: Process Definition By Emission Unit  
 Effective between the dates of 05/24/2019 and 05/23/2024**

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

**Item 31.1:**

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

Emission Unit: 1-000SC

Process: DIP Source Classification Code: 4-02-025-01

Process Description:

Dipping of subway car shoe beam components in one tank containing a surface coating. Tank (DP001) is used to apply a topcoat. This source is not directly vented to atmosphere.

Emission Source/Control: DP001 - Process

**Item 31.2:**

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

Emission Unit: 1-000SC

Process: HCO Source Classification Code: 4-02-008-01

Process Description:

One heat cleaning oven to be utilized to remove hydrocarbon based resin from parts and equipment associated with the VPI coating process. Source has now commenced operation. Oven is located outside adjacent to the main Overhaul Shop building.

Emission Source/Control: TM019 - Process

Design Capacity: 7.5 million Btu per hour

Emission Source/Control: TMG01 - Process

Design Capacity: 2 million Btu per hour

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**Item 31.3:**

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

Emission Unit: 1-000SC

Process: SC1

Source Classification Code: 4-02-025-01

Process Description:

Application of surface coatings to subway car exteriors in a paint tunnel located in the Overhaul Shop which is equipped with a traveling paint booth (PB001). Controls consist of a waterfall system (WC001) followed by a dry filter (FLT01). Emissions from this process are discharged to two exhaust stacks which are identified as 01004 and 01005. Manual sanding and brush/roller painting of subway cars is also performed in this area; these are considered trivial activities pursuant to 6 NYCRR Part 201-3.

Emission Source/Control: FLT01 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: WC001 - Control

Control Type: WATER CURTAIN

Emission Source/Control: PB001 - Process

**Item 31.4:**

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

Emission Unit: 1-000SC

Process: SC2

Source Classification Code: 4-02-025-01

Process Description:

Application of surface coatings to subway car components within a paint booth (PB002) Located in the Overhaul Shop. Booth is equipped with a dry filter. Exhaust is directed to an exhaust stack (00002).

Emission Source/Control: PB002 - Process

**Item 31.5:**

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

Emission Unit: 1-000SC

Process: SC4

Source Classification Code: 4-02-025-01

Process Description:

Application of surface coating within the open spray booth that is equipped with dry filters for control of particulate emissions.

Emission Source: TM059

Emission Source/Control: TM059 - Process

**Item 31.6:**

Permit ID: 2-6107-00079/00009

Facility DEC ID: 2610700079

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

Emission Unit: 1-000SC

Process: VPI

Source Classification Code: 4-02-025-01

Process Description:

Process consists of two coating lines located in the Electric Motor Repair (EMR) shop utilized to apply an insulating resin to electric motor components by a vacuum pressure impregnation (VPI) process. The traction motor coating line consists of a gas fired pre heat oven (TM016) two VPI process tanks (TM17A, TM17B) and four gas fired curing ovens (TM18A, TM18B, TM1C, TM18D). The small motor coating line consists of an electric powered drying chamber, one VPI process tank (SM006), one gas fired preheat oven (SM07A) and one gas fired curing oven (SM07B). This process also utilizes one gas fired drying oven (Emission Source TM019) and two drying ovens in the A/C Motor Shop located in the Overhaul Shop.

Emission Source/Control: SM006 - Process

Emission Source/Control: SM07A - Process

Design Capacity: 0.8 million Btu per hour

Emission Source/Control: SM07B - Process

Emission Source/Control: TM016 - Process

Emission Source/Control: TM019 - Process

Design Capacity: 7.5 million Btu per hour

Emission Source/Control: TM17A - Process

Emission Source/Control: TM17B - Process

Emission Source/Control: TM18A - Process

Design Capacity: 0.8 million Btu per hour

Emission Source/Control: TM18B - Process

Design Capacity: 0.8 million Btu per hour

Emission Source/Control: TM18C - Process

Design Capacity: 0.8 million Btu per hour

Emission Source/Control: TM18D - Process

Design Capacity: 0.8 million Btu per hour

**Item 31.7:**

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

Emission Unit: 2-00BLR

Process: 001

Source Classification Code: 1-02-006-02

Process Description: Firing Natural Gas

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Facility DEC ID: 2610700079

Emission Source/Control: 00013 - Combustion  
Design Capacity: 24.5 million Btu per hour

Emission Source/Control: 00014 - Combustion  
Design Capacity: 24.5 million Btu per hour

Emission Source/Control: 00015 - Combustion  
Design Capacity: 24.5 million Btu per hour

**Item 31.8:**

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

Emission Unit: 2-00BLR  
Process: 002 Source Classification Code: 1-02-004-02  
Process Description: Firing #2 fuel oil.

Emission Source/Control: 00013 - Combustion  
Design Capacity: 24.5 million Btu per hour

Emission Source/Control: 00014 - Combustion  
Design Capacity: 24.5 million Btu per hour

Emission Source/Control: 00015 - Combustion  
Design Capacity: 24.5 million Btu per hour

**Condition 32: Emission Unit Permissible Emissions  
Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 32.1:**

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 2-00BLR  
  
CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN  
PTE(s): 9.17 pounds per hour  
  
49,000 pounds per year

**Condition 33: Compliance Certification  
Effective between the dates of 05/24/2019 and 05/23/2024**

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

**Item 33.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-000SC

Permit ID: 2-6107-00079/00009

Facility DEC ID: 2610700079

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

**Item 33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Miscellaneous metal parts and product coating lines utilizing extreme performance coating may contain a maximum of 3.5 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: EXTREME PERFORMANCE COATING - MISCELLANEOUS METAL PARTS

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.5 pounds per gallon

Reference Test Method: EPA Method 24 (40CFR 60)

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

**Condition 34: Compliance Certification**

**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR 228-1.10**

**Item 34.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-000SC

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

**Item 34.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

228.10 Handling, storage and disposal of volatile organic compounds  
Within the work area(s) associated with a coating line, the owner or operator of a facility subject to this Part must:

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Facility DEC ID: 2610700079

- (a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
- (b) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
- (c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
- (d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;
- (e) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;
- (f) minimize spills during the handling and transfer of coatings and VOC solvents; and
- (g) beginning on January 1, 2005, clean spray guns used to apply mobile equipment repair and refinishing or color-matched coatings by one of the following:
  - (1) an enclosed spray gun cleaning system that is kept closed when not in use;
  - (2) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;
  - (3) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or
  - (4) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

Permit ID: 2-6107-00079/00009

Facility DEC ID: 2610700079

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

**Condition 35: Capping Monitoring Condition**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 35.1:**

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 231-6

**Item 35.2:**

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

**Item 35.3:**

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 35.4:**

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 35.5:**

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 35.6:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-00BLR

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 35.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Permit ID: 2-6107-00079/00009

Facility DEC ID: 2610700079

Monitoring Description:

THE FACILITY IS PROPOSING A NOX EMISSION CAP OF 24.5 TONS PER YEAR TO RESTRICT THE NOX EMISSIONS FROM EMISSION UNIT 2-00BLR. THE FOLLOWING FORMULA WILL BE USED TO CALCULATE THE MONTHLY NOX EMISSIONS AND TO DEMONSTRATE COMPLIANCE WITH THIS CAP ON A ROLLING 12-MONTH BASIS:

$$X = ((A \times B) + (C \times D)) / 2000$$

WHERE X = MONTHLY NO<sub>x</sub> EMISSIONS (TONS)

A = THE MONTHLY FUEL CONSUMPTION OF NATURAL GAS IN THE PERMANENT (00013-00015) BOILERS (MMSCF).

B = AP 42 NO<sub>x</sub> NATURAL GAS EMISSION FACTOR FROM OPERATION OF BOILERS, LBS/MMSCF

C = THE MONTHLY FUEL CONSUMPTION OF #2 FUEL OIL IN THE PERMANENT (00013-00015).

D = FUEL OIL #2 NO<sub>x</sub> EMISSION FACTOR FROM OPERATION OF PERMANENT BOILERS FROM THE MOST RECENT STACK TEST (26 LBS/1000 GALLONS).

A ROLLING 12-MONTH TALLY WILL BE MAINTAINED TO ENSURE COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT  
 Process Material: FUEL  
 Upper Permit Limit: 24.5 tons per year  
 Monitoring Frequency: MONTHLY  
 Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2020.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 36: Compliance Certification**  
 Effective between the dates of 05/24/2019 and 05/23/2024

**Applicable Federal Requirement: 6 NYCRR 227-2.4 (d)**

**Item 36.1:**  
 The Compliance Certification activity will be performed for:

Emission Unit: 2-00BLR



Permit ID: 2-6107-00079/00009

Facility DEC ID: 2610700079

Regulated Contaminant(s):  
 CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 36.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
 Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY  
 Reporting Requirements: ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 1/30/2020.  
 Subsequent reports are due every 12 calendar month(s).

**Condition 37: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:40CFR 60.42c(d), NSPS Subpart Dc**

**Item 37.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-00BLR

Regulated Contaminant(s):  
 CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
 Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
 Parameter Monitored: SULFUR CONTENT  
 Upper Permit Limit: 0.5 percent by weight  
 Monitoring Frequency: PER DELIVERY  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Permit ID: 2-6107-00079/00009

Facility DEC ID: 2610700079

Reports due 30 days after the reporting period.  
 The initial report is due 7/30/2019.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 38: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:40CFR 60.48c(a), NSPS Subpart Dc**

**Item 38.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-00BLR

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 39: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:40CFR 60.48c(c), NSPS Subpart Dc**

**Item 39.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-00BLR

**Item 39.2:**

Permit ID: 2-6107-00079/00009

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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each coal-fired, oil-fired, or wood-fired affected facility subject to the opacity limits under 40 CFR 60.43c(c) shall submit excess emission reports for any excess emissions from the affected facility that occur during the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

**Condition 40: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:40CFR 60.48c(d), NSPS Subpart Dc**

**Item 40.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-00BLR

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO2 emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

**Condition 41: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc**

**Item 41.1:**



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requirements.

**\*\* NOTE\*\*** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

**Condition 43: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR 227.2 (b) (1)**

**Item 43.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-00BLR

Process: 002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this

Permit ID: 2-6107-00079/00009

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stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES  
 Upper Permit Limit: 0.10 pounds per million Btus  
 Reference Test Method: EPA RM 5  
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
 Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION  
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 The initial report is due 7/30/2019.  
 Subsequent reports are due every 6 calendar month(s).

**Condition 44: Compliance Certification**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 202-1**

**Item 44.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 2-00BLR  
 Process: 002 Emission Source: 00013

Regulated Contaminant(s):  
 CAS No: 0NY210-00-0 OXIDES OF NITROGEN

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to support the emission factor of 26 pounds of Oxides of Nitrogen per 1000 gallons of fuel oil # 2, as stated in the application by the facility owner and used for capping out of New Source Review, Part 231, stack testing is required to confirm this factor. Emission sources 00013, 00014 and 00015 are identical and only one boiler is required for stack testing.

The facility shall:

- 1) Within 60 days of issuance of the permit submit to the Department an acceptable protocol for the testing of Oxides of Nitrogen emissions in a manner that will determine or confirm the emission factor as stated in this condition as emission limit.
- 2) Within 60 days of approval of the stack testing protocol, perform a stack test, to determine compliance with the Oxides of Nitrogen emission factor cited in this

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condition and in the Subpart 201-7 used for capping out of New Source review Part 231.

3) Within 30 days of the stack testing performance, submit an acceptable stack test report that outlines the results.

4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Upper Permit Limit: 26 pounds per 1000 gallons

Reference Test Method: Reference Methods 7, 7E, 19

Monitoring Frequency: SEMI-ANNUALLY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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**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: 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



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properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

#### STATE ONLY APPLICABLE REQUIREMENTS

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

**Condition 45: Contaminant List**

**Effective between the dates of 05/24/2019 and 05/23/2024**

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

**Item 45.1:**

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

CAS No: 007446-09-5  
Name: SULFUR DIOXIDE

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

CAS No: 0NY210-00-0  
Name: OXIDES OF NITROGEN

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

**Condition 46: Malfunctions and start-up/shutdown activities**

**Effective between the dates of 05/24/2019 and 05/23/2024**

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

**Item 46.1:**

(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.

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(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 47: Air pollution prohibited**  
**Effective between the dates of 05/24/2019 and 05/23/2024**

**Applicable State Requirement:6 NYCRR 211.1**

**Item 47.1:**

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.

**Permit ID: 2-6107-00079/00009**

**Facility DEC ID: 2610700079**