



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 7
HEADQUARTERS
Submission of application for permit modification or renewal-REGION 7
HEADQUARTERS



DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

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

Item 3.1:

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

Item 3.2:

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

Item 3.3:



New York State Department of Environmental Conservation
Facility DEC ID: 7503200017

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

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

Item 4.1:

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

Item 4.2:

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

Item 4.3:

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

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

Item 5.1:

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

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

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

Item 6.1:

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

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

New York State Department of Environmental Conservation
Facility DEC ID: 7503200017



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

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

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

Item 7.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400

Condition 8: Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 8.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: BORG WARNER MORSE TEC INC
800 WARREN RD
ITHACA, NY 14850

Facility: BORG WARNER MORSE TEC INC
800 WARREN RD
ITHACA, NY 14850

Authorized Activity By Standard Industrial Classification Code:
3714 - MOTOR VEHICLE PARTS & ACCESSORIES

Permit Effective Date:

Permit Expiration Date:



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
 - 2 6NYCRR 201-6.5(a)(7): Fees
 - 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
 - 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
 - 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
 - 6 6NYCRR 201-6.5(e): Compliance Certification
 - 7 6NYCRR 202-2.1: Compliance Certification
 - 8 6NYCRR 202-2.5: Recordkeeping requirements
 - 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
 - 10 6NYCRR 200.7: Maintenance of Equipment
 - 11 6NYCRR 201-1.7: Recycling and Salvage
 - 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
 - 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
 - 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
 - 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
 - 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
 - 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
 - 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
 - 19 6NYCRR 202-1.1: Required Emissions Tests
 - 20 6NYCRR 211.3: Visible Emissions Limited
 - 21 40CFR 68: Accidental release provisions.
 - 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
 - 23 6NYCRR 200.7: Compliance Certification
 - 24 6NYCRR 201-6: Emission Unit Definition
 - 25 6NYCRR 201-6.5(f): Compliance Certification
 - 26 6NYCRR 201-7: Facility Permissible Emissions
 - *27 6NYCRR 201-7: Capping Monitoring Condition
 - *28 6NYCRR 201-7: Capping Monitoring Condition
 - 29 6NYCRR 212.4(a): Compliance Certification
 - 30 6NYCRR 212.4(c): Compliance Certification
 - 31 6NYCRR 212.6(a): Compliance Certification
 - 32 6NYCRR 226: Compliance Certification
 - 33 6NYCRR 227-1.3(a): Compliance Certification
 - 34 6NYCRR 228.5(h): Compliance Certification
- Emission Unit Level**
- 35 6NYCRR 201-6: Emission Point Definition By Emission Unit
 - 36 6NYCRR 201-6: Process Definition By Emission Unit

STATE ONLY ENFORCEABLE CONDITIONS



New York State Department of Environmental Conservation
Permit ID: 7-5032-00017/00063 Facility DEC ID: 7503200017

Facility Level

- 37 ECL 19-0301: Contaminant List
- 38 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 39 6NYCRR 211.2: Air pollution prohibited

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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

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

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

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

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

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

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



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

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

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

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

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

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

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

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

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

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

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

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

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



order to maintain compliance with the conditions of this permit.

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

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

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

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

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

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

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

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



Act;

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

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

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

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

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

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

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

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

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



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

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

Item L: Permit Exclusion - ECL 19-0305

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

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

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

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 200.6

Item 1.1:

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



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

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

Condition 2: Fees
Effective for entire length of Permit

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

Item 2.1:

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

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective for entire length of Permit

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

Item 3.1:

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

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

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.
Effective for entire length of Permit

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

Item 4.1:

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



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

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 for entire length of Permit

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



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

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

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

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

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

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



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

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

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

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

Condition 6: Compliance Certification
Effective for entire length of Permit

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



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

- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

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

- iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

615 Erie Boulevard, West
Syracuse, NY 13204-2400

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 202-2.1

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

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. 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 for entire length of Permit



Applicable Federal Requirement: 6NYCRR 202-2.5

Item 8.1:

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

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

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

Condition 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 215

Item 9.1:

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

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

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

Condition 10: Maintenance of Equipment
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage
Effective for entire length of Permit



Applicable Federal Requirement: 6NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 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 for entire length of Permit

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility
Effective for entire length of Permit

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

Item 14.1:

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

Condition 15: Standard Requirement - Provide Information



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6.5(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: General Condition - Right to Inspect
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6.5(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: Standard Requirements - Progress Reports
Effective for entire length of Permit

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

Item 17.1:

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

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



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

Condition 18: Off Permit Changes
Effective for entire length of Permit

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

Item 18.1:

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

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

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

Condition 19: Required Emissions Tests
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 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. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 211.3

Item 20.1:



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

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

Applicable Federal Requirement: 40CFR 68

Item 21.1:

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

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

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

**Condition 22: Recycling and Emissions Reduction
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 22.1:

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

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

Condition 23: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 200.7

Item 23.1:

The Compliance Certification activity will be performed for the Facility.

Item 23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility employs numerous air pollution control devices. This condition requires that the owner or operator develop an operation and maintenance plan for the control devices at the facility.

Within 60 days of receipt of this permit, the owner or operator shall submit to the DEC a plan to properly maintain and operate the air pollution control equipment. Such plan shall include a description of such equipment; regularly scheduled inspections; routine preventive maintenance; and a means for documenting inspections, breakdowns and repairs. Upon submission of such plan to the DEC, the owner or operator shall implement such plan.

On an annual basis the facility shall submit to the DEC a report stating whether the air pollution control equipment operation and maintenance plan was implemented and the prescribed operation and maintenance conducted.

Monitoring Frequency: QUARTERLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 24: Emission Unit Definition

Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 24.1:

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

Emission Unit: 5-00000

Emission Unit Description:

THIS EMISSION UNIT IS ASSOCIATED WITH

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



TEMPER DRAWS WHICH ARE MANIFOLDED TOGETHER WITH EXEMPT WASH OPERATIONS PURSUANT TO 6 NYCRR PART 201-3.2(c)(39)(3). TEMPER DRAWS WOULD NORMALLY ONLY EMIT PRODUCTS OF COMBUSTION AND THEREFORE WOULD BE EXEMPT PURSUANT TO 6 NYCRR PART 201-3.2(c)(1). HOWEVER, WHEN THEY ARE MANIFOLDED WITH A WASH OPERATION THEY MAY CREATE AN EMISSION OF OIL MIST RESULTING FROM QUENCH OIL WHICH IS NOT COMPLETELY CLEANED OFF IN THE WASH PROCESS AND WHICH VOLATILIZES IN THE TEMPER OPERATION, CONDENSES IN THE STACK AND IS THEN EMITTED. THE ASSOCIATED PROCESS IS IDENTIFIED AS 500.

Building(s): 02

Item 24.2:

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

Emission Unit: 5-10000

Emission Unit Description:

THIS EMISSION UNIT IS ASSOCIATED WITH THE ROTARY BATCH PIN LINE QUENCH CONVEYOR EXHAUSTS FROM BOTH NO. 31 & NO. 32. THIS UNIT IS COMPRISED OF EMISSION POINT 51000, WHICH IS LOCATED IN THE HEAT TREAT AREA OF PLANT NO. 2. THE ASSOCIATED PROCESS IS IDENTIFIED AS 510.

Building(s): 02

Item 24.3:

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

Emission Unit: 5-20000

Emission Unit Description:

THIS EMISSION UNIT IS ASSOCIATED WITH THE QUENCHING OPERATIONS ON THE AGF LINES LOCATED IN PLANT NO. 2. THE ASSOCIATED PROCESS IS IDENTIFIED AS 520.

Building(s): 02

Item 24.4:

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

Emission Unit: 5-40000

Emission Unit Description:

THIS EMISSIONS UNIT CONSISTS OF A DOW

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



PRODUCT COATING LINE. THERE ARE TWO PROCESSES ASSOCIATED WITH THIS COATING LINE, RUST PREVENTATIVE APPLICATION (540), AND DOT APPLICATION (541). THESE TWO PROCESSES ARE DESCRIBED IN THE PROCESS DESCRIPTION SECTION OF THIS PERMIT. THERE IS ONE EMISSIONS SOURCE (THE DOW COATING LINE) AND TWO EMISSION POINTS.

Building(s): 01

Item 24.5:

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

Emission Unit: 5-70000

Emission Unit Description:

THIS UNIT CONSISTS OF PROGRAMMABLE TOOL ROOM GRINDERS AND IS ASSOCIATED WITH PROCESS 570 WHICH IS DESCRIBED IN DETAIL IN THE PROCESS INFORMATION SECTION OF THIS PERMIT. THERE ARE VARIOUS OTHER MACHINING OPERATIONS ASSOCIATED WITH THIS AREA THAT ARE CLASSIFIED AS EITHER EXEMPT OR TRIVIAL PURSUANT TO 6 NYCRR PART 201-3.

Building(s): 02

Item 24.6:

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

Emission Unit: 5-80000

Emission Unit Description:

The N2 Process is a heat treatment operation that uses Nitrogen and Argon gas to dry metal powder and pins. The exhaust passes through a particulate filter and an oil bath. Emissions will consist of liquid particulates and solid particulates. The process also includes an exempt combustion source that exhausts through a dedicated, separate emission point.

Building(s): 02

Item 24.7:

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

Emission Unit: 5-90000

Emission Unit Description:

This emissions unit consists of a 1200 hp engine test facility used in research and development.



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

Building(s): 02

Condition 25: Compliance Certification
Effective for entire length of Permit

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

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational Flexibility Protocol - New Construction of general process sources; modifications to existing sources

The owner or operator may install a new air contamination source that results in insignificant emissions, provided that criteria pollutants, hazardous air pollutants, and pollutants emitted from such device for which an annual guideline concentration (AGC) and/or short term guideline concentration (SGC) exist, meet all of the following conditions:

1. The device will not result in the emission of any A-rated contaminant with an emission rate potential equal to or greater than 1.0 pound/hr.
2. The device will not result in the emission of any non-VOC contaminant, not given an A-rating, with an emission rate potential equal to or greater than 10 pounds/hr.
3. The device shall not emit particulate matter in excess of 0.05 gr/dscf. The owner or operator shall conduct emissions testing upon written request of the DEC in accordance with 6 NYCRR 202.
4. The device shall not cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater, except only the emission of uncombined water. The owner or operator shall conduct emissions testing upon written request of the DEC in

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



accordance with 6 NYCRR 202.

5. The owner or operator must identify all potential pollutants that could be emitted, including A-rated contaminants, hazardous air pollutants, VOCs, and non-VOC pollutants. A-rated contaminants are those contaminants listed with a "high" toxicity in the Department's most recent DAR-1 (Air Guide 1) guidance document, and any other contaminants that may be A-rated by the Department.

6. A facility-wide DAR-1 (Air Guide 1) analysis must be completed using the DEC's Air Guide 1 screening software (or using a DEC-approved modeling protocol) showing that there are no predicted off-site ambient concentrations in excess of the AGC or SGC for each contaminant. This analysis shall include all emissions of such pollutant, facility-wide.

7. If the installation results in the emission of any pollutant not previously authorized or emitted in accordance with this permit, the owner or operator shall submit to the DEC a notice of the intention to install the new air contamination source. Such notice shall be submitted no later than 30 days prior to the proposed installation.

8. When a new emission point, emission source and/or process is proposed to be added, the owner or operator must submit to DEC an application using the format prescribed by DEC (on forms available from the DEC).

9. The DEC reserves the right to require a permit modification to impose special conditions if DEC determines the proposed change may have a significant air quality impact. In such cases, upon receipt of any notice submitted by the owner or operator to the DEC as required in this permit, the DEC will respond within 15 days of receipt of such notice, and may require that the owner not undertake the proposed change without a permit modification.

10. No facility-wide emissions cap, stated in this permit, shall be exceeded.

11. The installation does not render the facility subject to any additional regulations or requirements;

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



and

12. A summary of all activities conducted under this operational flexibility condition shall be reported to the DEC in the facility's semi-annual monitoring report required pursuant to 6 NYCRR 201-6.5(c)(3). The annual compliance certifications required pursuant to 6 NYCRR 201-6.5(e) shall also include compliance certifications for all devices added pursuant to this condition since permit issuance.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 26: Facility Permissible Emissions
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-7

Item 26.1:

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

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

CAS No: 000630-08-0 PTE: 480,000 pounds per year
Name: CARBON MONOXIDE

CAS No: 0NY210-00-0 PTE: 190,000 pounds per year
Name: OXIDES OF NITROGEN

**Condition 27: Capping Monitoring Condition
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-7

Item 27.1:

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:

40CFR 52-A.21



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

Item 27.2:

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

Item 27.3:

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 27.4:

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 27.5:

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 27.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 27.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall not emit in excess of 240 tons of CO per 12 month rolling period. Emissions shall be calculated using the following emission factors:

for gasoline use in test engines: 5.7 pounds per gallon of gasoline;

for diesel use in test engines: 0.85 lbs/mmBtu;

for natural gas combustion in stationary combustion installations: 21 pounds/million cubic feet;

for natural gas in emergency generators: 1.16 pounds per

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



million Btu fuel input;

for propane use in stationary combustion installations:
1.9 lbs/1000 gallons.

The owner or operator shall submit to the DEC annually, on a calendar basis, a report stating the quantity of carbon monoxide emitted calculated using these factors for each prior 12 month rolling period since the previous report. If CO emissions exceed 240 tons per 12 month period at any time, the owner or operator shall submit to the DEC a notice of such excess emissions within 30 days of such excess emission.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

**Condition 28: Capping Monitoring Condition
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-7

Item 28.1:

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:

6NYCRR 227-2

Item 28.2:

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

Item 28.3:

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 28.4:

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



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

levels that would require compliance with an applicable requirement.

Item 28.5:

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 28.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 28.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is capping emissions to avoid applicability to NO_x RACT.

Facility wide emissions of NO_x shall not exceed 95 tons per year on a 12 month rolling average. Provided that actual annual emissions are less than 50 tons per year for each 12 month rolling period, emissions shall be calculated using the following emissions factors:

for natural gas combustion in stationary combustion installations, 100 lb NMO_x/million cubic feet;

for natural gas use in emergency generators, 0.018 lb NO_x/hp-hr;

for propane use in stationary combustion installations, 14 lbs NO_x/a000 gallons;

for gasoline use in test engines, 1.63 lb NO_x/MMBtu;
and

for diesel use in test engines, 4.41 lbs NO_x/MMBtu.

If annual emissions calculated using these factors exceeds 50 tons/year, the owner or operator must conduct emissions testing to document unit-specific emissions factors. Such testing must be conducted in accordance with a protocol approved by the DEC. Upon DEC approval, the owner or operator must calculate emissions based on

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



the site-specific factors.

On a semiannual calendar year basis, the owner or operator must submit to the DEC emissions information showing that NOx emissions have not exceeded the emissions cap for each prior 12 month rolling annual period. If NOx emissions exceed 100 tpy at any time, the owner or operator must submit to the DEC a notice of such excess emissions. If emissions exceed 50 tons per year for any 12 month period, the owners or operators must submit to the DEC a notice of such emissions and a protocol for developing unit-specific emissions factors through testing.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 29: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 29.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 5-00000

Emission Unit: 5-10000

Emission Unit: 5-20000

Emission Unit: 5-80000

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Several devices at this facility have the potential to emit liquid, or condensible, particulate matter.

No person shall cause or allow the emission of liquid particulate in excess of the emission limits specified in 6 NYCRR 212.4(a) and 212.9, Table 2. Table 2 specifies

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



that the degree of air cleaning required shall be specified by the DEC for each process emission source with an emission rate potential less than 10.0 pounds per hour.

The process emission sources associated with these emissions units all have emission rate potentials less than 10.0 pounds per hour. The facility is required to operate the emissions control devices at all times that the process sources are operated, and to maintain those emission sources (including the air pollution control devices) in good operating order in accordance with the operation and maintenance plan required elsewhere in this permit.

Compliance shall be determined using EPA Method 202, or another method suitable to measure condensible particulate matter, upon written notice from the DEC and in accordance with a protocol approved by the DEC and the time frames specified in 6 NYCRR Part 202-1. The facility may not make physical or operational changes that would result in an increase in the emission rate potential or the actual emissions rate.

On an annual basis, the owner or operator shall submit to the DEC a report stating whether testing was conducted and if so, the results of such testing. Such annual report shall also state whether physical or operational changes were made to any of the devices.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 30: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 30.1:

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

Emission Unit: 5-00000

Emission Unit: 5-10000

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



Emission Unit: 5-20000

Emission Unit: 5-70000

Emission Unit: 5-80000

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions of solid particulate that exceed 0.050 grains of particulate per cubic foot of exhaust gas, expressed at standard conditions on a dry basis.

Compliance shall be determined by conducting particulate emissions tests. Such tests shall be conducted upon written request by the DEC and in accordance with a protocol approved by the DEC and the time frames specified in 6 NYCRR 202-1.

Emissions control equipment shall be maintained in accordance with an operation and maintenance manual required elsewhere in this permit. The owner or operator shall make no changes to the emission sources (including air pollution control equipment) that would result in an increase in the emission rate potential or the actual emission rate.

On an annual basis, the owner or operator shall submit to the DEC a report stating whether any testing was conducted (and if so, the results of such tests) and whether any changes were made to the emissions sources or the operation of the emission sources.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5, 40 CFR Part 60

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 31: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 31.1:

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

Emission Unit: 5-00000

Emission Unit: 5-10000

Emission Unit: 5-20000

Emission Unit: 5-70000

Emission Unit: 5-80000

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission sources associated with the listed emissions units have the potential to cause the emission of opacity.

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

On a calendar quarter basis, the owner or operator shall observe the emissions from each emission point in these emission units while the devices are in operation. The owner shall record the date, time, weather conditions (rain, snow, windy, cloudy, clear) and whether there is any visible plume. To the extent practicable, the observer shall position him or herself with the sun behind his or her back. The owner or operator shall note whether there is any condensed water droplets. Condensed water droplets can be distinguished from other liquid



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

particulate as the plume dissipates quickly.

In the event that visible emissions are observed, the owner or operator shall contact the Department by phone as soon as practicable, but in no event later than two business days after conducting the observation. Within 30 days, when requested by the Department in writing, the owner or operator must submit to the Department a report describing the emissions.

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

A report shall be submitted to the Department semiannually (calendar year basis) stating whether the monitoring has been conducted. Reports shall be due 30 days after the end of each semiannual period.

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

Condition 32: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 226

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
6NYCRR 226. Requirements for Cold Cleaning Degreasers
(For Title V after 12/31/2003)

A. Equipment Specifications



The following types of control equipment must be used when conducting cold cleaning degreasing, solvent metal cleaning:

- (1) A cover which can be operated easily.
- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This does not apply to remote reservoir degreasers.
- (4) Solvent with a vapor pressure of 1.0 mm Hg, or less, at 20 C.

B. Operating Requirements:

When cold cleaning, the clean parts must be drained at least 15 seconds or until dripping ceases.

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;
 - (c) no solvent is in the degreaser; or
 - (d) when manually cleaning metal parts in the cold cleaning 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 products and other absorbent materials in a degreaser.
- (7) If using a cold cleaning degreaser that is subject to



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

paragraph 226.3(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, a bill of sale, a certificate covering multiple sales, a Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this requirement.

(a) the name and address of the solvent supplier;

(b) the type of solvent including the product or vendor identification number; and

(c) the vapor pressure of the solvent measured in mm Hg at 20 °C (68 °F).

(8) 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 (7) 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.

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

Condition 33: Compliance Certification
Effective for entire length of Permit

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

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The facility owns and operates many combustion installations at this facility that meet the criteria



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

under 6 NYCRR 201-3.2. These devices are subject to the opacity limits of 6 NYCRR 227-1.3(a). No owner or operator of a combustion installation shall emit greater than 20 percent opacity (based on a six minute average) except for one six minute period per hour, not to exceed 27 percent. Compliance shall be determined using the procedures in 40 CFR Part 60, Appendix A, Method 9.

Upon the request of the DEC, the owner or operator shall conduct opacity observations and submit to the DEC the results of such testing in accordance with the time frames specified in 6 NYCRR 202-1.

On a semiannual basis, the owner or operator shall submit to the DEC a report stating whether any opacity observations were conducted. Reports shall be due 30 days after the end of each semiannual period.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 34: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 228.5(h)

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility operates a Dow Product coating line that applies a rust inhibitor and paint. This is considered miscellaneous metal parts and products surface coating. The process is not subject to the control requirements of 6 NYCRR Part 228 because facility-wide VOC emissions,



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

excluding VOC emissions from combustion sources, are less than 10 tons per year.

The owner or operator shall maintain records of the calculations demonstrating that the potential to emit VOC (excluding VOC emissions from combustion) is less than 10 tons per year. Such calculations shall be updated, on a calendar year basis, or whenever VOC-emitting equipment is installed at the facility.

On a calendar year basis, the facility shall submit to the DEC a report stating whether facility-wide potential VOC emissions (excluding VOC emissions from combustion) exceed 10 tons per year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

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

Condition 35: Emission Point Definition By Emission Unit Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 201-6

Item 35.1:

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

Emission Unit: 5-00000

Emission Point: 00003

Height (ft.): 33

Length (in.): 30

Width (in.): 24

NYTMN (km.): 4706.

NYTME (km.): 379.1

Building: 02

Emission Point: 00004

Height (ft.): 33

Length (in.): 42

Width (in.): 46

NYTMN (km.): 4706.

NYTME (km.): 379.1

Building: 02

Emission Point: 00005

Height (ft.): 33

Length (in.): 42

Width (in.): 46

NYTMN (km.): 4706.

NYTME (km.): 379.1

Building: 02



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

Emission Point: 00006
Height (ft.): 33 Length (in.): 30 Width (in.): 24
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Emission Point: 00010
Height (ft.): 38 Diameter (in.): 14
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Emission Point: 00015
Height (ft.): 32 Diameter (in.): 16
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Emission Point: 00016
Height (ft.): 32 Diameter (in.): 16
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Item 35.2:

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

Emission Unit: 5-10000

Emission Point: 51000
Height (ft.): 39 Length (in.): 26 Width (in.): 19
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Emission Point: 52000
Height (ft.): 37 Length (in.): 17 Width (in.): 25
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Item 35.3:

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

Emission Unit: 5-20000

Emission Point: 00031
Height (ft.): 21 Length (in.): 15 Width (in.): 11
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Emission Point: 00032
Height (ft.): 21 Length (in.): 15 Width (in.): 11
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Emission Point: 00033
Height (ft.): 21 Length (in.): 15 Width (in.): 11
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Emission Point: 00034



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

Height (ft.): 21 Length (in.): 15 Width (in.): 11
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Emission Point: 00035
Height (ft.): 21 Length (in.): 15 Width (in.): 11
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Emission Point: 00036
Height (ft.): 21 Length (in.): 15 Width (in.): 11
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Item 35.4:

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

Emission Unit: 5-40000

Emission Point: 5400A
Height (ft.): 30 Diameter (in.): 6
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 01

Emission Point: 5400B
Height (ft.): 33 Diameter (in.): 6
Building: 01

Item 35.5:

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

Emission Unit: 5-70000

Emission Point: 00011
Height (ft.): 39 Length (in.): 24 Width (in.): 36
NYTMN (km.): 4706. NYTME (km.): 379.1 Building: 02

Item 35.6:

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

Emission Unit: 5-80000

Emission Point: 58010
Height (ft.): 37 Diameter (in.): 2
Building: 02

Emission Point: 58011
Height (ft.): 39 Diameter (in.): 5
Building: 02

Item 35.7:



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

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

Emission Unit: 5-90000

Emission Point: 59000

Height (ft.): 26

Diameter (in.): 12

NYTMN (km.): 4706.

NYTME (km.): 379.1

Building: 02

Emission Point: 59100

Height (ft.): 19

Diameter (in.): 12

NYTMN (km.): 4706.

NYTME (km.): 379.1

Building: 02

**Condition 36: Process Definition By Emission Unit
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-6

Item 36.1:

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

Emission Unit: 5-00000

Process: 500

Source Classification Code: 3-04-022-11

Process Description:

IN THIS PROCESS PARTS ARE HEAT TREATED
WITH AN INTERNAL OIL QUENCHING OPERATION,
WASHED AND THEN TEMPERED IN EITHER AN
ELECTRIC OR GAS FIRED TEMPER DRAW.

Emission Source/Control: 0050C - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 0050D - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 0050E - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 0050H - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 0050A - Process

Emission Source/Control: 0050B - Process

Emission Source/Control: 0050F - Process

Emission Source/Control: 0050G - Process

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



Emission Source/Control: 15000 - Process

Emission Source/Control: 30000 - Process

Emission Source/Control: 40000 - Process

Emission Source/Control: 50000 - Process

Emission Source/Control: 60000 - Process

Item 36.2:

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

Emission Unit: 5-10000

Process: 510

Source Classification Code: 3-04-022-11

Process Description:

IN THIS PROCESS PARTS ARE HEATED ON AN
INTERMITTENT BASIS WITH CYCLES RANGING UP
TO SIX HOURS, WITH ONE QUENCH PER CYCLE.
THE QUENCH TANK IS MAINTAINED AT
APPROXIMATELY 150 DEGREES FAHRENHEIT.

Emission Source/Control: 0052B - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 0051A - Process

Emission Source/Control: 0052A - Process

Item 36.3:

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

Emission Unit: 5-20000

Process: 520

Source Classification Code: 3-04-022-11

Process Description:

IN THIS PROCESS PARTS ARE HEAT TREATED ON
AN INTERMITTENT BASIS WITH CYCLES RANGING
UP TO SIX HOURS WITH ONE QUENCH PER CYCLE.
THE QUENCH TANKS ARE MAINTAINED AT
APPROXIMATELY 150 DEGREES FAHRENHEIT.

Emission Source/Control: 0052F - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: 0052H - Control

Control Type: MIST ELIMINATOR

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



Emission Source/Control: 0052J - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 0052L - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 0052N - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 0052P - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 0052E - Process

Emission Source/Control: 0052G - Process

Emission Source/Control: 0052I - Process

Emission Source/Control: 0052K - Process

Emission Source/Control: 0052M - Process

Emission Source/Control: 0052O - Process

Item 36.4:

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

Emission Unit: 5-40000

Process: 540

Source Classification Code: 4-02-025-99

Process Description:

THIS PROCESS IS THE SPRAY APPLICATION OF A RUST PREVENTATIVE ONTO A METAL PART. A ROBOTIC ARM PICKS UP THE PART, PLACES IT INTO AN ENCLOSURE WHERE THE SPRAY APPLICATION OCCURS AND THEN IMMEDIATELY REMOVES THE PART.

Emission Source/Control: 0054A - Process

Item 36.5:

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

Emission Unit: 5-40000

Process: 541

Source Classification Code: 4-02-025-99

Process Description:

THIS PROCESS IS THE APPLICATION OF SMALL

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



PAINT DOTS ONTO A METAL PART. A ROBOTIC ARM ROTATES THE PART AS THE DOTS ARE APPLIED BY A FELT TIP LIKE PEN.

Emission Source/Control: 0054A - Process

Item 36.6:

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

Emission Unit: 5-70000

Process: 570

Source Classification Code: 3-09-002-01

Process Description:

METAL PARTS ARE GROUND TO SPECIFICATIONS USING PROGRAMMABLE GRINDERS, THERE ARE ALSO MISCELLANEOUS MANUALLY OPERATED MACHINING TOOLS WHICH ARE CLASSIFIED AS EITHER EXEMPT OR TRIVIAL PURSUANT TO 6 NYCRR PART 201-3.

Emission Source/Control: 0057B - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 0057A - Process

Item 36.7:

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

Emission Unit: 5-80000

Process: 580

Source Classification Code: 3-04-022-01

Process Description:

The N2 process is a heat treatment operation that uses a Nitrogen and Argon gas purge system to dry metal powder and pins. Emissions pass through a fabric filter and an oil bath.

Emission Source/Control: C58A2 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: C58A3 - Control

Control Type: WET SCRUBBER

Emission Source/Control: C58B1 - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: C58B2 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: C58B3 - Control

New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017



Control Type: WET SCRUBBER

Emission Source/Control: C58C2 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: C58C3 - Control

Control Type: WET SCRUBBER

Emission Source/Control: C58D1 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: C58D2 - Control

Control Type: WET SCRUBBER

Emission Source/Control: C58E1 - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: C58E2 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: C58E3 - Control

Control Type: WET SCRUBBER

Emission Source/Control: C58F1 - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: C58F2 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: C58F3 - Control

Control Type: WET SCRUBBER

Emission Source/Control: C58G2 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: C58G3 - Control

Control Type: WET SCRUBBER

Emission Source/Control: C58H2 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: C58H3 - Control

Control Type: WET SCRUBBER

Emission Source/Control: C58J2 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

Emission Source/Control: C58J3 - Control
Control Type: WET LIMESTONE INJECTION

Emission Source/Control: C58K1 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0058A - Process

Emission Source/Control: 0058B - Process

Emission Source/Control: 0058C - Process

Emission Source/Control: 0058D - Process

Emission Source/Control: 0058E - Process

Emission Source/Control: 0058F - Process

Emission Source/Control: 0058G - Process

Emission Source/Control: 0058H - Process

Emission Source/Control: 0058J - Process

Emission Source/Control: 0058K - Process

Item 36.8:

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

Emission Unit: 5-90000

Process: 590

Source Classification Code: 2-02-003-01

Process Description:

Internal combustion engines used to test engine components.

Emission Source/Control: 0059A - Combustion

Emission Source/Control: 0059B - Combustion

Item 36.9:

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

Emission Unit: 5-90000

Process: 591

Source Classification Code: 2-02-001-02

Process Description:

Internal combustion engines used to test engine components.

New York State Department of Environmental Conservation
Permit ID: 7-5032-00017/00063 Facility DEC ID: 7503200017



Emission Source/Control: 0059A - Combustion

Emission Source/Control: 0059B - Combustion



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

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

**Condition 37: Contaminant List
Effective for entire length of Permit**

Applicable State Requirement: ECL 19-0301

Item 37.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY998-00-0

Name: VOC

**Condition 38: Unavoidable noncompliance and violations
Effective for entire length of Permit**

Applicable State Requirement: 6NYCRR 201-1.4

Item 38.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.



New York State Department of Environmental Conservation

Permit ID: 7-5032-00017/00063

Facility DEC ID: 7503200017

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 39: Air pollution prohibited
Effective for entire length of Permit

Applicable State Requirement: 6NYCRR 211.2

Item 39.1:

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.