



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 4-3834-00004/00028
Effective Date: 12/02/2014 Expiration Date: 12/01/2024

Permit Issued To: TONOGA INC
136 COONBROOK RD
PETERSBURG, NY 12138

Facility: TACONIC
136 COONBROOK RD
PETERSBURG, NY 12138

Contact: KAREN TOTH
TACONIC
136 COONBROOK RD
PETERSBURG, NY 12138
(518) 658-3202

Description:

This modification includes the construction of 8 polytetrafluoroethylene (PTFE) surface coating ovens, which will be located in new building 11 and the ovens will vent to a new fume eliminator.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: NANCY M BAKER
NYSDEC - REGION 4
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

New York State Department of Environmental Conservation

Permit ID: 4-3834-00004/00028

Facility DEC ID: 4383400004



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: TONOGA INC
136 COONBROOK RD
PETERSBURG, NY 12138

Facility: TACONIC
136 COONBROOK RD
PETERSBURG, NY 12138

Authorized Activity By Standard Industrial Classification Code:
2295 - COATED FABRICS, NOT RUBBERIZED

Permit Effective Date: 12/02/2014

Permit Expiration Date: 12/01/2024



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.7: Maintenance of Equipment
- 2 6 NYCRR 202-1.1: Required Emissions Tests
- 3 40 CFR Part 68: Accidental release provisions.
- 4 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 5 6 NYCRR 200.7: Compliance Demonstration
- 6 6 NYCRR Subpart 202-1: Compliance Demonstration
- 7 6 NYCRR 202-1.3: Compliance Demonstration
- 8 6 NYCRR 205.3 (a): AIM Coatings - Standards
- 9 6 NYCRR 211.1: Air pollution prohibited
- 10 6 NYCRR 212.4 (c): Compliance Demonstration
- 11 6 NYCRR 212.9 (b): Compliance Demonstration
- 12 6 NYCRR 225-1.2 (f): Compliance Demonstration
- 13 6 NYCRR 225-1.2 (g): Compliance Demonstration
- 14 6 NYCRR 225-1.2 (h): Compliance Demonstration
- 15 6 NYCRR 228-1.2 (b): Compliance Demonstration
- 16 6 NYCRR 228-1.3 (a): Compliance Demonstration
- 17 6 NYCRR 228-1.3 (b): Compliance Demonstration
- 18 6 NYCRR 228-1.3 (d): Compliance Demonstration
- 19 6 NYCRR 228-1.3 (e) (1): Compliance Demonstration
- 20 6 NYCRR 228-1.3 (e) (2): Compliance Demonstration
- 21 6 NYCRR 228-1.4 (d) (2): Compliance Demonstration
- 22 6 NYCRR 228-1.6 (a): Compliance Demonstration
- 23 6 NYCRR 228-1.6 (b): Compliance Demonstration
- 24 6 NYCRR 228-1.6 (c): Compliance Demonstration
- 25 6 NYCRR 228-1.6 (h): Compliance Demonstration
- 26 40CFR 60, NSPS Subpart JJJJ: Applicability
- 27 40CFR 63, Subpart ZZZZ: Applicability

Emission Unit Level

EU=1-ADHES

- 28 6 NYCRR 228-2.4 (c): Compliance Demonstration
- 29 6 NYCRR 228-2.4 (d): Compliance Demonstration
- 30 6 NYCRR 228-2.5 (b): Compliance Demonstration
- 31 6 NYCRR 228-2.5 (c): Compliance Demonstration
- 32 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 33 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 34 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 35 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 36 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 37 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 38 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 39 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver EU Level
- 40 40CFR 60.8(c), NSPS Subpart A: Required performance test information.



- 41 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 42 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 43 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 44 40CFR 60.9, NSPS Subpart A: Availability of information.
- 45 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 46 40CFR 60.12, NSPS Subpart A: Circumvention.
- 47 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 48 40CFR 60.14, NSPS Subpart A: Modifications.
- 49 40CFR 60.15, NSPS Subpart A: Reconstruction.
- 50 40CFR 60, NSPS Subpart VVV: Compliance Demonstration
- 51 40CFR 60.740(b), NSPS Subpart VVV: Applicability and designation of affected facility.
- 52 40CFR 60.742(b), NSPS Subpart VVV: Compliance Demonstration
- 53 40CFR 60.744(b), NSPS Subpart VVV: Compliance Demonstration
- 54 40CFR 60.747(b), NSPS Subpart VVV: Compliance Demonstration
- 55 40CFR 60.747(c), NSPS Subpart VVV: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 56 ECL 19-0301: Contaminant List
- 57 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 58 6 NYCRR Subpart 201-5: Emission Unit Definition
- 59 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 60 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 61 6 NYCRR 201-5.4: Compliance Demonstration
- 62 6 NYCRR 211.2: Visible Emissions Limited
- 63 6 NYCRR 257-8.3 (b): Ambient Air Quality Standards - Fluorides

Emission Unit Level

- 64 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 65 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

EU=1-ADHES

- 66 6 NYCRR 228-2.4 (b): Compliance Demonstration



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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

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

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



required to operate such device effectively.

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

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

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

Item E: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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



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

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

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

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

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

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

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

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

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

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



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

Item K: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item L: Permit Exclusion - ECL 19-0305

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

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

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Maintenance of Equipment



Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 1.1:

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 2: Required Emissions Tests

Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 2.1:

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

Condition 3: Accidental release provisions.

Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40 CFR Part 68

Item 3.1:

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 4: Recycling and Emissions Reduction

Effective between the dates of 12/02/2014 and 12/01/2024



Applicable Federal Requirement:40CFR 82, Subpart F

Item 4.1:

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

Condition 5: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 200.7

Item 5.1:

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

Emission Unit: 2-OVEN5 Process: 4OV	Emission Source: FE005
Emission Unit: 2-OVEN5 Process: 5OV	Emission Source: FE005
Emission Unit: 3-OVEN6 Process: 6OV	Emission Source: FE006
Emission Unit: 5-OVN11 Process: 11O	Emission Source: FE011

Item 5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility will maintain the fume eliminators in accordance with manufacturer's specifications and a preventative maintenance schedule will be implemented to ensure the effective operation of the equipment. Documentation of the maintenance done by the facility shall be maintained at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 6: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR Subpart 202-1

Item 6.1:

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



Emission Unit: 2-OVEN5
Process: 4OV Emission Source: FE005

Emission Unit: 2-OVEN5
Process: 5OV Emission Source: FE005

Emission Unit: 3-OVEN6
Process: 6OV Emission Source: FE006

Emission Unit: 5-OVN11
Process: 11O Emission Source: FE011

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE
CAS No: 0NY075-00-5 PM-10

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The fume eliminators Emission Controls (FE005, FE006) shall be tested once per permit term. The new emission control (FE011) fume eliminator shall be tested with the test protocol to be submitted to the Department within 60 days after initial notification of startup to determine if the emissions coming from the control device are acceptable. The stack test shall be conducted in accordance with the procedures described in 6 NYCRR 202-1.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 7: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) Emission testing, sampling and analytical determinations to ascertain compliance with this Subchapter shall be conducted in accordance with test methods acceptable to the department. The Reference



Methods contained in 40 CFR part 51, appendix M, 40 CFR part 60, appendix A, 40 CFR part 61, appendix B and 40 CFR part 63, appendix A (see Table 1, section 200.9 of this Title) and all future technical revisions, additions or corrections made thereto shall be considered as acceptable test methods for those sources and contaminants for which they are expressly applicable, except where the department has issued a specific method to be used instead of a Reference Method contained in these Federal regulations or where the department determines that one or more alternate methods are also acceptable. The person who owns or operates an air contamination source shall submit the emission test report in triplicate to the department within 60 days after the completion of tests. In the event such source owner/operator can demonstrate to the department such time is not sufficient, the source owner/operator may submit a request in writing and be granted an extension. Where an opacity emission standard is applicable to the source tested, the emission test report shall include the opacity observation.

(b) Alternative emission test methods or deviations from acceptable test methods may be acceptable to the department if the character of the test site or the emissions makes it impractical to utilize acceptable test methods or where no applicable test method is available. In such cases, the source owner/operator shall secure prior written acceptance by the department of any proposed alternative emission test method. Requests for such prior acceptance shall include justification for substituting the alternative emission test method.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 8: AIM Coatings - Standards
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement: 6 NYCRR 205.3 (a)

Item 8.1:

No person shall manufacture, blend, or repackage for sale within the State of New York, supply, sell, or offer for sale within the State of New York or solicit for application or apply within the State of New York any architectural coating manufactured on or after January 1, 2005 which contains volatile organic compounds in excess of the limits specified in the Table of Standards in 6 NYCRR Part 205.3(a).

Condition 9: Air pollution prohibited
Effective between the dates of 12/02/2014 and 12/01/2024



Applicable Federal Requirement:6 NYCRR 211.1

Item 9.1:

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

Condition 10: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 10.1:

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

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6

Emission Unit: 5-OVN11

Item 10.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

In instances where determination of permissible emission rate using process weight is not applicable and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. The Department reserves the right to perform or require the performance of a Method 5 emissions evaluation at any time.

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



surrogates) are within ranges that ensure compliance with the particulate emission rate.

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

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

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 11: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement: 6 NYCRR 212.9 (b)

Item 11.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Substrates are coated with PTFE solution and heated in ovens to either cure, sinter, or dry the substrate. The temperatures shall be monitored and recorded on a continuous basis while process is operating in upper zone of oven using a continuous process monitoring system (CPMS). The CPMS shall be maintained in accordance with manufacturer's specifications.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 12: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 225-1.2 (f)

Item 12.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 12.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. Compliance with this limit will be based on vendor certifications.

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

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

Condition 13: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 225-1.2 (g)

Item 13.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 13.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC



OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014. Compliance with this limit will be based on vendor certifications.

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 14: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

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

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such

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records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

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

Condition 15: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement: 6 NYCRR 228-1.2 (b)

Item 15.1:

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

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6

Emission Unit: 5-OVN11

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(125) VOC content limits. The permissible weight of VOC per volume of coating minus water and excluded compounds at application as specified in the tables of section 228-1.4 of this Subpart. The actual VOC content of the as applied coating is calculated as follows:

$$(VOC)_a = [(Wv)_a - (Ww)_a - (We)_a] / [1 - \{(Vw)_a + (Ve)_a\}]$$

where:

(VOC)_a is the VOC content of a coating, as applied, expressed as weight of VOC per volume of coating minus water and excluded compounds (keeping units consistent).

(Wv)_a is the weight of total volatiles per volume of an as



applied coating.

(Ww)a is the weight of water per volume of an as applied coating.

(Vw)a is the volume of water per volume of an as applied coating.

(We)a is the weight of excluded compounds per volume of an as applied coating.

(Ve)a is the volume of excluded compounds per volume of an as applied coating.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 16: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

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

Item 16.1:

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

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6

Emission Unit: 5-OVN11

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 16.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Any facility operating a coating line subject to this Subpart must comply with the following general requirements as specified.

(a) Opacity

(1) No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six-minute period from any



emission source subject to this
Subpart.

1) Observe the stack(s) or vent(s) once per operating day during coating operations for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

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

- Weather condition.
- Was a plume observed.

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer (RAPCE) within one(1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: RM-9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 17: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

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

Item 17.1:

The Compliance Demonstration activity will be performed for the facility:



The Compliance Demonstration applies to:

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6

Emission Unit: 5-OVN11

Item 17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) Except as provided for in paragraph (2) of this subdivision, the owner or operator of any emission source subject to this Subpart must maintain and, upon request, provide the department with a certification from the coating supplier/manufacture which lists the parameters used to determine the actual VOC content of each as applied coating used at the facility. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained in a format acceptable to the department and, upon request, these records must be submitted to the department within 90 days of receiving the request. Any facility required to perform the overall removal efficiency calculation set forth in Equation 2 of section 228-1.5(c) of this Subpart, must maintain records to verify the parameters used in the calculation. A facility owner or operator must maintain a record that identifies each air cleaning device that has an overall removal efficiency of at least 90 percent. Any additional information required to determine compliance with this Part must be provided to the department in a format acceptable to the department. All records required by this paragraph must be maintained at the facility for a period of five years.

(2) Owners and operators of emission sources not subject to this Subpart as set forth in section 228-1.1(b)(9) or (13) of this Subpart, or those sources that are using coatings not subject to specific requirements of this Subpart as set forth in paragraph (e)(2) of this section, or section 228-1.4(b)(5)(iii)(e), (i) or (iv) of this Subpart, must maintain records on an as used basis. The records must include the relevant regulatory citation of each exemption and quantity of coating used. If the exemption criteria are based on VOC usage, the records must contain calculations and supplier/manufacture material data sheets for verification of VOC usage. All records required by this paragraph must be maintained at the facility for a period of five years.



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 18: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

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

Item 18.1:

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

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6

Emission Unit: 5-OVN11

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Handling, storage and disposal of volatile organic compounds.

Within the work area(s) associated with a coating line, the owner or operator of a facility subject to this Subpart must:

(1) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;

(2) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;

(3) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;

(4) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters,



dip tanks, rollers, knife coaters, and extrusion coaters;

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

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

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

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

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

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 19: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 228-1.3 (e) (1)

Item 19.1:

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

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6

Emission Unit: 5-OVN11

Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Only facilities subject to this Subpart in accordance



with section 228-1.1(a)(1) of this Subpart must comply with the compliant material requirements of section 228-1.4 of this Subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 20: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

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

Item 20.1:

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

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6

Emission Unit: 5-OVN11

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A facility containing a coating line (other than a class A coating line) may use up to 55 gallons of coatings (facility wide) on a 12-month rolling total basis which does not comply with the VOC content limits set forth in section 228-1.4 of this Subpart; provided such use is recorded in accordance with the requirements of paragraph 228-1.3(b)(2) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 21: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 228-1.4 (d) (2)

Item 21.1:

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

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6



Emission Unit: 5-OVN11

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility applying coatings to magnet wire, metal cans, coils, vinyl and fabric may not use coatings with VOC contents, as applied, which exceed the limits specified in table D-1. The units in table D-1 are in terms of pounds of VOC per gallon of coating (minus water and excluded compounds) at application.

The applicable compliant coating limit is; 228-1.4(d)(2);
Table D-1, Fabric Coating = 2.9 lb VOC/gal.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 22: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

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

Item 22.1:

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

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6

Emission Unit: 5-OVN11

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and/or operator of any emission source subject to the VOC emission control requirements of this Subpart must, upon request by the department, use Method 311 or Method 24, included in Appendix A of both 40 CFR parts 63 and 60, respectively (see table 1, section 200.9 of this Title), to measure the volatile content, water content, density, volume of solids, and weight of solids in order to determine the actual VOC content of an as applied coating during a compliance demonstration.



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 23: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024
Applicable Federal Requirement:6 NYCRR 228-1.6 (b)

Item 23.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

- Emission Unit: 2-OVEN5
- Emission Unit: 3-OVEN6
- Emission Unit: 5-OVN11

Item 23.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When the sampling and analysis methods referenced in subdivision (a) or (e) or paragraph (d)(2) of this section are not applicable, alternate sampling and analysis methods can be used, subject to the approval of the department and the administrator.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 24: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024
Applicable Federal Requirement:6 NYCRR 228-1.6 (c)

Item 24.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

- Emission Unit: 2-OVEN5
- Emission Unit: 3-OVEN6
- Emission Unit: 5-OVN11

Item 24.2:
Compliance Demonstration shall include the following monitoring:

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Facility DEC ID: 4383400004



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 25: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

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

Item 25.1:

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

Emission Unit: 2-OVEN5

Emission Unit: 3-OVEN6

Emission Unit: 5-OVN11

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

(1) All records required by this section must be maintained at the facility for a period of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Applicability
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60, NSPS Subpart JJJJ

Item 26.1:



or catalytic oxidizer is operated; and

(5) operation records sufficient to demonstrate compliance with the requirements of this subdivision are maintained as required by section 228-2.5 of this Subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 29: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

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

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Item 29.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(d) Work practices. Work practices shall be employed at facilities where the total actual VOC emissions from all industrial adhesive application processes, including related cleaning activities, equal or exceed three tons in a 12-month rolling period, before consideration of emission control equipment. Work practices shall include:

(1) the following types of application equipment, with the use of low-VOC adhesives or adhesive primers: electrostatic spray; HVLP spray; flow coat; roll coat or hand application, including non-spray application methods similar to hand or mechanically powered caulking gun, brush, or direct hand application; dip coat (including electrodeposition); airless spray; air-assisted airless spray; any other adhesive application method, subject to department approval, capable of achieving a transfer efficiency equivalent to or better than that achieved by HVLP spraying;

(2) the following work practices for storage, mixing operations, and handling operations for adhesives, thinners, and adhesive-related waste materials that:

(i) store all VOC-containing adhesives, adhesive primers,



and process related waste materials in closed containers;

(ii) ensure that mixing and storage containers used for VOC-containing adhesives, adhesive primers, and process related waste materials are kept closed at all times except when depositing or removing these materials;

(iii) minimize spills of VOC-containing adhesives, adhesive primers, and process related waste materials; and

(iv) convey VOC-containing adhesives, adhesive primers, and process related waste materials from one location to another in closed containers or pipes.

(3) the following work practices to reduce VOC emissions from cleaning materials used in industrial adhesive application processes that:

(i) store all VOC-containing cleaning materials and used shop towels in closed containers;

(ii) ensure that storage containers used for VOC-containing materials are kept closed at all times except when depositing or removing these materials;

(iii) minimize spills of VOC-containing cleaning materials;

(iv) convey VOC-containing cleaning materials from one location to another in closed containers or pipes; and

(v) minimize VOC emission from cleaning of application, storage, mixing, and conveying equipment by ensuring that equipment cleaning is performed without atomizing the cleaning solvent and all spent solvent is captured in closed containers.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:6 NYCRR 228-2.5 (b)



Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(b) Any owner or operator of an emission source that complies with the VOC content limits in section 228-2.4(a) of this Subpart through the use of add-on air pollution control equipment shall record the key operating parameters for the control equipment, including but not limited to, the following information:

(1) the volume used per day of each adhesive, sealant, adhesive primer, sealant primer or solvent listed in table 1 of section 228-2.4(a) of this Subpart;

(2) on a daily basis, the combustion temperature, inlet and exhaust gas temperatures and control device efficiency, as appropriate, pursuant to section 228-2.4(c) of this Subpart;

(3) daily hours of operation; and

(4) all maintenance performed including the date and type of maintenance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 31: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024**

Applicable Federal Requirement: 6 NYCRR 228-2.5 (c)

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records made to determine compliance with this

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Permit ID: 4-3834-00004/00028

Facility DEC ID: 4383400004



Subpart shall be maintained for five years from the date such record is created and shall be made available to the department within 90 days of a request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 32: Applicability of General Provisions of 40 CFR 60 Subpart A Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 32.1:

This Condition applies to Emission Unit: 1-ADHES

Item 32.2:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 33: EPA Region 2 address.

Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 33.1:

This Condition applies to Emission Unit: 1-ADHES

Item 33.2:

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

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



**Condition 34: Date of construction notification - If a COM is not used.
Effective between the dates of 12/02/2014 and 12/01/2024**

Applicable Federal Requirement:40CFR 60.7(a), NSPS Subpart A

Item 34.1:

This Condition applies to Emission Unit: 1-ADHES

Item 34.2:

Any owner or operator subject to this part shall furnish the Administrator with the following information:

- 1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, post marked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date.

**Condition 35: Recordkeeping requirements.
Effective between the dates of 12/02/2014 and 12/01/2024**

Applicable Federal Requirement:40CFR 60.7(b), NSPS Subpart A

Item 35.1:

This Condition applies to Emission Unit: 1-ADHES

Item 35.2:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**Condition 36: Excess Emissions Report
Effective between the dates of 12/02/2014 and 12/01/2024**



Applicable Federal Requirement:40CFR 60.7(d), NSPS Subpart A

Item 36.1:

This Condition applies to Emission Unit: 1-ADHES

Item 36.2:

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 37: Monitoring frequency waiver.
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.7(e), NSPS Subpart A

Item 37.1:

This Condition applies to Emission Unit: 1-ADHES

Item 37.2: Notwithstanding the frequency of reporting requirements specified in paragraph (c) of this section, an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the conditions in 40 CFR 60.7(e) are met.

Condition 38: Facility files for subject sources.
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.7(f), NSPS Subpart A

Item 38.1:

This Condition applies to Emission Unit: 1-ADHES

Item 38.2:

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 39: Performance Test Methods - Waiver EU Level
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.8(b), NSPS Subpart A

Item 39.1:

This Condition applies to Emission Unit: 1-ADHES

Item 39.2:



Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.

Condition 40: Required performance test information.
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.8(c), NSPS Subpart A

Item 40.1:
This Condition applies to Emission Unit: 1-ADHES

Item 40.2:
Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

Condition 41: Prior notice.
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.8(d), NSPS Subpart A

Item 41.1:
This Condition applies to Emission Unit: 1-ADHES

Item 41.2:
The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 42: Performance testing facilities.
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.8(e), NSPS Subpart A

Item 42.1:
This Condition applies to Emission Unit: 1-ADHES

Item 42.2:
The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;



- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

Condition 43: Number of required tests.
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.8(f), NSPS Subpart A

Item 43.1:
This Condition applies to Emission Unit: 1-ADHES

Item 43.2:
Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 44: Availability of information.
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 44.1:
This Condition applies to Emission Unit: 1-ADHES

Item 44.2:
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 45: Compliance with Standards and Maintenance Requirements
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.11(d), NSPS Subpart A

Item 45.1:
This Condition applies to Emission Unit: 1-ADHES

Item 45.2:
At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

Condition 46: Circumvention.
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A



Item 46.1:

This Condition applies to Emission Unit: 1-ADHES

Item 46.2:

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 47: Monitoring requirements.

Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 47.1:

This Condition applies to Emission Unit: 1-ADHES

Item 47.2:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 48: Modifications.

Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 48.1:

This Condition applies to Emission Unit: 1-ADHES

Item 48.2:

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

Condition 49: Reconstruction.

Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 49.1:

This Condition applies to Emission Unit: 1-ADHES

Item 49.2:

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;



- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Condition 50: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60, NSPS Subpart VVV

Item 50.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

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

Item 50.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility will make semi-annual estimates of the projected amount of Volatile Organic Compounds (VOC) to be used, and will maintain records of actual VOC usage. A report will be submitted if the projected semi annual estimate of VOC use exceeds the applicable cutoff (95 mega grams per year). The facility will report the first 12-months period in which the actual VOC use exceeds the applicable cutoff (95 mega grams per year).

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 51: Applicability and designation of affected facility.
Effective between the dates of 12/02/2014 and 12/01/2024



Applicable Federal Requirement:40CFR 60.740(b), NSPS Subpart VVV

Item 51.1:

This Condition applies to Emission Unit: 1-ADHES

Item 51.2: Any affected facility for which the amount of VOC used is less than 95 Mg per 12-month period is subject only to the requirements of paragraphs 60.744(b), 60.747(b), and 60.747(c). If the amount of VOC used is 95 Mg or greater per 12-month period, the facility is subject to all the requirements of this subpart. Once a facility has become subject to the requirements of this subpart, it will remain subject to those requirements regardless of changes in annual VOC use.

Condition 52: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.742(b), NSPS Subpart VVV

Item 52.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Item 52.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For coating operation, each owner or operator of an affected facility shall either:

- 1) Reduce VOC emissions to the atmosphere from the coating operation by at least 90 percent (emission reduction standard); or
- 2) Install, Operate, and maintain a total enclosure around the coating operation and vent the captured VOC emissions from the total enclosure to a control device that is at least 95 percent efficient (alternative standard).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 53: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.744(b), NSPS Subpart VVV

New York State Department of Environmental Conservation

Permit ID: 4-3834-00004/00028

Facility DEC ID: 4383400004



Item 53.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Item 53.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of an affected facility that uses less than 95 Mega grams of VOC per year and each owner or operator of an affected facility subject to the provisions of 60.742(c)(3) shall:

- 1) Make semiannual estimates of the projected annual amount of VOC to be used for the manufacture of polymeric coated substrate at the affected coating operation in that year; and
- 2) Maintain records of actual VOC use.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 54: Compliance Demonstration

Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement:40CFR 60.747(b), NSPS Subpart VVV

Item 54.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Item 54.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected facility subject to the provisions of 60.742(c)(3) and claiming to use less than 130 Mega grams of VOC in the first year of operation and each owner or operator claiming to use less than 95 Mega grams of VOC in the first year of operation shall submit to the Administrator, with the notification of anticipated startup required under 60.7(a)(2) of the General Provisions, a material flow chart indicating projected VOC use. The owner or operator shall also submit actual VOC use records at the end of the initial year.

New York State Department of Environmental Conservation

Permit ID: 4-3834-00004/00028

Facility DEC ID: 4383400004



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 55: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable Federal Requirement: 40CFR 60.747(c), NSPS Subpart VVV

Item 55.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Item 55.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected facility subject to the provisions of 60.742(c)(3) and initially using less than 130 Mega grams of VOC per year and each owner or operator of an affected facility initially using less than 95 Mega grams of VOC per year shall:

- 1) Record semiannual estimates of projected VOC use and actual 12-month VOC use;
- 2) Report the first semiannual estimate in which the projected annual VOC use exceeds the applicable cutoff;
and
- 3) Report the first 12-month period in which the actual VOC use exceeds the applicable cutoff.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

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

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

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 56: Contaminant List
Effective between the dates of 12/02/2014 and 12/01/2024



Applicable State Requirement:ECL 19-0301

Item 56.1:

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

CAS No: 007664-39-3
Name: HYDROGEN FLUORIDE

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

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

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

**Condition 57: Malfunctions and start-up/shutdown activities
Effective between the dates of 12/02/2014 and 12/01/2024**

Applicable State Requirement:6 NYCRR 201-1.4

Item 57.1:

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

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described



under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

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

Condition 58: Emission Unit Definition
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 58.1:

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

Emission Unit: 1-ADHES

Emission Unit Description:

The adhesive coater is vented to the thermal oxidizer during coating operations and then to atmosphere through Emission Point 00001. The adhesive coater is subject to recordkeeping requirements under 40 CFR 60, Subpart VVV and 6 NYCRR 228-2.

Item 58.2:

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

Emission Unit: 2-OVEN5

Emission Unit Description:

PTFE ovens located in Buildings 4 (ovens 4OV07 - 4OV12) and 5 (ovens 5OVCA, 5OVCB, 5OVCC, 5OVCF, 5OVCG, 5OVCH, 5OVCI, 5OV CJ, 5OVCK) vent to the Building 5 fume eliminator (FE005) then to Emission Point 00002. Formic acid may also be emitted directly to the atmosphere from the lower section of six ovens (5OVCA, 5OVCB, 5OVCC, 5OVCI, 5OV CJ, 5OVCK) via Emission Points 00003, 00004, 00005, 00006, 00007, and 00008.

Item 58.3:

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

Emission Unit: 3-OVEN6

Emission Unit Description:

PTFE ovens (6OVRA, 6OV RB, 6OV RC, and 6OV RD) located in Buildings 6 vent to the Building 6 fume eliminator (FE006).

Item 58.4:

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

Emission Unit: 4-MIXRM

Emission Unit Description:

New York State Department of Environmental Conservation

Permit ID: 4-3834-00004/00028

Facility DEC ID: 4383400004



Two mixing rooms are exhausted by a fan to Emission Point 00009.

Item 58.5:

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

Emission Unit: 5-OVN11

Emission Unit Description:

Eight PTFE ovens (11OV1 - 11OV8) located in Building 11 vent to the Building 11 fume eliminator (FE011) then to Emission Point 00011.

**Condition 59: Renewal deadlines for state facility permits
Effective between the dates of 12/02/2014 and 12/01/2024**

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

Item 59.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Condition 60: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024**

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

Item 60.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 60.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 4
1130 N. Westcott Rd.
Schenectady, NY 12306

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due every 12 calendar month(s).

Condition 61: Compliance Demonstration



Effective between the dates of 12/02/2014 and 12/01/2024

Applicable State Requirement:6 NYCRR 201-5.4

Item 61.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 61.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) An application for permit modification must be submitted by the owner or operator of a facility, subject to the provisions of section 201-5.2 of this Subpart, prior to making any of the following changes at an existing facility:

(1) modifications to existing emission sources as defined under section 200.1 of this Title;

(2) the addition of a new emission source;

(3) changes to any existing permit terms or conditions;
or

(4) changes that cause the facility to become subject to any additional requirements or regulations under this Title.

(b) The modified permit must be issued before the facility owner or operator may commence construction or operation of the requested modifications.

(c) The owner or operator of a facility subject to this Subpart must notify the department in writing as described in subdivision (d) of this section at least 30 calendar days in advance of making any of the changes described in paragraphs (1) through (3) of this subdivision, and maintain records of the date and description of such change for a period of at least five years. These records must be made available for review by department representatives upon request.

(1) the relocation of emission points within a facility;

(2) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the department; and

(3) the installation or alteration of any air cleaning



installations, device, or control equipment.

(d) Advance notifications required by subdivision (c) of this section shall include the following information:

(1) identification of the emission unit, process(es), emission source(s), and emission point(s) affected by the proposed change;

(2) date on which the change is to occur;

(3) description of the proposed change;

(4) if appropriate, the identification and description of emissions control technology and compliance terms;
and

(5) the identification of all contaminants emitted by the affected emission sources and calculations of the emission rate potential, potential to emit, and projected actual annual emission rates after the proposed change.

(e) Changes at a facility that meet all of the criteria in paragraphs (1) through (3) of this subdivision may not require modification of the permit and may be conducted without the prior approval of the department. The owner or operator of the facility must maintain records of the date and description of each such change consistent with the provisions of subdivision (d) of this section for a period of at least five years. These records must be made available for review by department representatives upon request.

(1) Changes that do not cause facility emissions to exceed any emission limitation or other condition in the facility's permit.

(2) Changes that do not cause the facility to become subject to any additional regulations or requirements under this Title.

(3) Changes that do not seek to establish or modify a federally-enforceable emission cap or limit.

(f) The department may require a permit modification to impose applicable requirements or permit conditions if it determines that changes proposed pursuant to the requirements of this section do not meet the criteria under subdivision (e) of this section, or that the changes may have a significant air quality impact. In such cases, the department may require that the owner or operator not



undertake the proposed change until it completes a more detailed review. The department's determination shall include a listing of information necessary to further review the proposed change.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 62: Visible Emissions Limited
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable State Requirement:6 NYCRR 211.2

Item 62.1:

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

Condition 63: Ambient Air Quality Standards - Fluorides
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable State Requirement:6 NYCRR 257-8.3 (b)

Item 63.1:

The facility owner or operator must meet the ambient air quality standards for gaseous emissions of fluorides (measured as F - all levels) listed below. All standards are measured at 25 degrees Centigrade and 760 mm of mercury.

- (1) 12 hour averages less than 4.5 ppb (3.7 $\mu\text{g}/\text{m}^3$);
- (2) 24 hour averages less than 3.5 ppb (2.85 $\mu\text{g}/\text{m}^3$);
- (3) 1 week averages less than 2.0 ppb (1.65 $\mu\text{g}/\text{m}^3$); and
- (4) 1 month averages less than 1.0 ppb (0.8 $\mu\text{g}/\text{m}^3$).

The facility owner or operator shall collect and analyze gaseous fluorides using methods acceptable to the Department.

**** Emission Unit Level ****

Condition 64: Emission Point Definition By Emission Unit
Effective between the dates of 12/02/2014 and 12/01/2024



Applicable State Requirement:6 NYCRR Subpart 201-5

Item 64.1:

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

Emission Unit: 1-ADHES

Emission Point: 00001

Height (ft.): 25 Diameter (in.): 21
NYTMN (km.): 4733.226 NYTME (km.): 634.143

Item 64.2:

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

Emission Unit: 2-OVEN5

Emission Point: 00002

Height (ft.): 48 Diameter (in.): 38
NYTMN (km.): 4733.115 NYTME (km.): 634.133

Emission Point: 00003

Height (ft.): 4 Diameter (in.): 10
NYTMN (km.): 4733.1 NYTME (km.): 634.174

Emission Point: 00004

Height (ft.): 5 Diameter (in.): 9
NYTMN (km.): 4733.12 NYTME (km.): 634.173

Emission Point: 00005

Height (ft.): 3 Diameter (in.): 9
NYTMN (km.): 4733.105 NYTME (km.): 634.161

Emission Point: 00006

Height (ft.): 5 Diameter (in.): 13
NYTMN (km.): 4733.125 NYTME (km.): 634.142

Emission Point: 00007

Height (ft.): 14 Diameter (in.): 11
NYTMN (km.): 4733.105 NYTME (km.): 634.146

Emission Point: 00008

Height (ft.): 14 Diameter (in.): 11
NYTMN (km.): 4733.106 NYTME (km.): 634.14

Item 64.3:

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

Emission Unit: 3-OVEN6

Emission Point: 00010

Height (ft.): 40 Diameter (in.): 38
NYTMN (km.): 4733.048 NYTME (km.): 634.102



Item 64.4:

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

Emission Unit: 4-MIXRM

Emission Point: 00009

Height (ft.): 20

Diameter (in.): 14

NYTMN (km.): 4733.125 NYTME (km.): 634.195

Item 64.5:

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

Emission Unit: 5-OVN11

Emission Point: 00011

Height (ft.): 40

Diameter (in.): 38

NYTMN (km.): 4733.054 NYTME (km.): 634.082

Condition 65: Process Definition By Emission Unit

Effective between the dates of 12/02/2014 and 12/01/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 65.1:

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

Emission Unit: 1-ADHES

Process: 1OV

Source Classification Code: 4-02-013-10

Process Description:

The adhesive coater vents to thermal oxidizer during coating operations.

Emission Source/Control: OOA01 - Control

Control Type: THERMAL OXIDATION

Emission Source/Control: OOA02 - Process

Design Capacity: 750,000 British thermal units per hour

Item 65.2:

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

Emission Unit: 2-OVEN5

Process: 4OV

Process Description:

Building 4 surface coaters and ovens venting to Building 5 fume eliminator during coating operations.

Emission Source/Control: FE005 - Control

Control Type: FABRIC FILTER, GAS SCRUBBER (GENERAL, NOT CLASSIFIED)



Emission Source/Control: 4OV07 - Process

Emission Source/Control: 4OV08 - Process

Emission Source/Control: 4OV09 - Process

Emission Source/Control: 4OV10 - Process

Emission Source/Control: 4OV11 - Process

Emission Source/Control: 4OV12 - Process

Item 65.3:

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

Emission Unit: 2-OVEN5

Process: 5FA

Process Description:

At low oven temperatures, formic acid may be emitted from zone 1 of six ovens (CA, CB, CC, CI, CJ, CK) directly to the atmosphere. Zone 1 high temperature emissions and zones 2 and 3 emissions are vented to the Building 5 fume eliminator.

Emission Source/Control: 5OVCA - Process

Emission Source/Control: 5OVCB - Process

Emission Source/Control: 5OVCC - Process

Emission Source/Control: 5OVCI - Process

Emission Source/Control: 5OV CJ - Process

Emission Source/Control: 5OVCK - Process

Item 65.4:

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

Emission Unit: 2-OVEN5

Process: 5OV

Process Description:

Building 5 surface coaters and ovens venting to Building 5 fume eliminator during coating operations.

Emission Source/Control: FE005 - Control

Control Type: FABRIC FILTER, GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: 5OVCA - Process

Emission Source/Control: 5OVCB - Process

New York State Department of Environmental Conservation

Permit ID: 4-3834-00004/00028

Facility DEC ID: 4383400004



Emission Source/Control: 5OVCC - Process

Emission Source/Control: 5OVCF - Process

Emission Source/Control: 5OVCG - Process

Emission Source/Control: 5OVCH - Process

Emission Source/Control: 5OVCI - Process

Emission Source/Control: 5OV CJ - Process

Emission Source/Control: 5OVCK - Process

Item 65.5:

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

Emission Unit: 3-OVEN6

Process: 6OV

Process Description:

Building 6 surface coaters and ovens venting to Building
6 fume eliminator during coating operations.

Emission Source/Control: FE006 - Control

Control Type: FABRIC FILTER, GAS SCRUBBER (GENERAL,
NOT CLASSIFIED)

Emission Source/Control: 6OVRA - Process

Emission Source/Control: 6OV RB - Process

Emission Source/Control: 6OV RC - Process

Emission Source/Control: 6OV RD - Process

Item 65.6:

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

Emission Unit: 4-MIXRM

Process: 4MX

Process Description:

Various components are mixed in containers in two
separate mix rooms. During the mixing process, the rooms
vent to the exhaust fan.

Emission Source/Control: 4MIX1 - Process

Emission Source/Control: 4MIX2 - Process

Item 65.7:

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



Emission Unit: 5-OVN11
Process: 11O
Process Description:
Building 11 surface coaters and ovens venting to Building
11 fume eliminator during coating operations.

Emission Source/Control: FE011 - Control
Control Type: FABRIC FILTER, GAS SCRUBBER (GENERAL,
NOT CLASSIFIED)

Emission Source/Control: 11OV1 - Process

Emission Source/Control: 11OV2 - Process

Emission Source/Control: 11OV3 - Process

Emission Source/Control: 11OV4 - Process

Emission Source/Control: 11OV5 - Process

Emission Source/Control: 11OV6 - Process

Emission Source/Control: 11OV7 - Process

Emission Source/Control: 11OV8 - Process

Condition 66: Compliance Demonstration
Effective between the dates of 12/02/2014 and 12/01/2024

Applicable State Requirement:6 NYCRR 228-2.4 (b)

Item 66.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Item 66.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Surface preparation and cleanup solvents. Except as provided in section 228-2.2 of this Subpart, no person shall use or apply, solicit, require the use of or specify the application of any surface preparation or clean-up solvent within the State of New York if such use or application results in a violation of the provisions of this Subpart. Any person using a surface preparation or cleanup solvent shall:

(1) except as provided in paragraph (2) of this



subdivision for single-ply roofing, limit the VOC content of surface preparation solvent used to less than 70 grams per liter;

(3) except as provided in paragraph (4) of this subdivision, limit the composite vapor pressure of a cleanup solvent to less than 45 mm Hg at 20° C; and

(4) perform the removal of a commercial or industrial adhesive, sealant, adhesive primer or sealant primer from the parts of spray application equipment as follows:

(i) in an enclosed cleaning system, or equivalent cleaning system as determined by the test method identified in section 228-2.6(h) of this Subpart;

(ii) using a solvent with a VOC content less than or equal to 70 grams of VOC per liter of material; and

(iii) parts containing dried adhesive may be soaked in a solvent if the composite vapor pressure of the solvent, excluding water and exempt compounds, is less than or equal to 9.5 mm Hg at 20° C and the parts and solvent are in a closed container that remains closed except when adding parts to or removing parts from the container.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

