

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 4383400004**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 4-3834-00004/00025  
Effective Date: 11/27/2006      Expiration Date: No expiration date

Permit Issued To: TONOGA LIMITED  
PO BOX 69  
PETERSBURG, NY 12138-0069

Facility: TACONIC  
136 COONBROOK RD  
PETERSBURG, NY 12138

Contact: ANDREW J KAWCZAK  
TONOGA LTD  
136 COONBROOK RD PO BOX 69  
PETERSBURG, NY 12138-0069  
(518) 658-3202

Description:

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 ADAMS  
1150 NORTH 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 permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 4  
HEADQUARTERS  
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: 6NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**

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



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actual transfer of ownership.

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

**Item 4.1:**

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

**Item 4.2:**

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

**Item 4.3:**

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

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

**Item 5.1:**

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

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

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

**Item 6.1:**

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

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

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relevant technology or applicable law or regulations since the issuance of the existing permit;  
e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

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

**Condition 7: Submission of Applications for Permit Modification or Renewal -REGION 4 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 7.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 4 Headquarters  
Division of Environmental Permits  
1150 North Westcott Rd.  
Schenectady, NY 12306-2014  
(518) 357-2069

**Condition 8: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.6(a)**

**Item 8.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 4 Headquarters  
Division of Environmental Permits  
1150 North Westcott Rd.  
Schenectady, NY 12306-2014  
(518) 357-2069



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: TONOGA LIMITED  
PO BOX 69  
PETERSBURG, NY 12138-0069

Facility: TACONIC  
136 COONBROOK RD  
PETERSBURG, NY 12138

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

Permit Effective Date: 11/27/2006

Permit Expiration Date: No expiration date.



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 202-1.1: Required Emissions Tests
- 3 6NYCRR 211.3: Visible Emissions Limited
- 2 6NYCRR 211.3: Compliance Demonstration
- 4 6NYCRR 202-1: Compliance Demonstration
- 5 6NYCRR 228.1(a): Permit Requirements
- 6 6NYCRR 228.2(b)(35): Compliance Demonstration

**Emission Unit Level**

**EU=1-ADHES**

- 7 6NYCRR 202-1.1: Required emission tests
- 8 6NYCRR 228.3(c): Solids as applied
- 9 6NYCRR 228.5(a): Compliance Demonstration
- 10 6NYCRR 228.5(f): Compliance Demonstration
- 11 6NYCRR 228.5(g)(1): Compliance Demonstration
- 12 6NYCRR 228.5(j): Compliance Demonstration
- 13 6NYCRR 228.10: Compliance Demonstration
- 14 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 15 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 16 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 17 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 18 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 19 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 20 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 21 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 22 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 23 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 24 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 25 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 26 40CFR 60.9, NSPS Subpart A: Availability of information.
- 27 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 28 40CFR 60.12, NSPS Subpart A: Circumvention.
- 29 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 30 40CFR 60.14, NSPS Subpart A: Modifications.
- 31 40CFR 60.15, NSPS Subpart A: Reconstruction.
- 32 40CFR 60.740(b), NSPS Subpart VVV: Applicability and designation of affected facility.
- 33 40CFR 60.744(b), NSPS Subpart VVV: Compliance Demonstration
- 34 40CFR 60.747(b), NSPS Subpart VVV: Compliance Demonstration
- 35 40CFR 60.747(c), NSPS Subpart VVV: Compliance Demonstration



**EU=2-OVEN5**

- 36 6NYCRR 202-1.1: Required emission tests
- 37 6NYCRR 228.5(a): Compliance Demonstration
- 38 6NYCRR 228.5(j): Compliance Demonstration
- 39 6NYCRR 228.10: Compliance Demonstration

**EU=3-OVEN6**

- 40 6NYCRR 202-1.1: Required emission tests
- 41 6NYCRR 228.5(a): Compliance Demonstration
- 42 6NYCRR 228.5(j): Compliance Demonstration
- 43 6NYCRR 228.10: Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 44 ECL 19-0301: Contaminant List
- 45 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 46 6NYCRR 201-5: Emission Unit Definition
- 47 6NYCRR 201-5.3(b): Compliance Demonstration
- 48 6NYCRR 201-5.4(b): Compliance Demonstration
- 49 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 50 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 51 6NYCRR 201-5: Process Definition By Emission Unit



**FEDERALLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

**Item A: Sealing - 6NYCRR Part 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 - 6NYCRR Part 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 - 6NYCRR Part 200.7**

Any person who owns or operates an air contamination

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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 - 6NYCRR Part 201-1.2**

If an existing emission source was subject to the permitting requirements of 6NYCRR 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 - 6NYCRR Part 201-1.5**

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event



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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 - 6NYCRR Part 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 - 6NYCRR Part 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 Part 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 Part 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



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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 Part 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 6NYCRR Part 202-1.

**Item K: Visible Emissions Limited - 6 NYCRR Part 211.3**

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.

**Item L: Open Fires - 6 NYCRR Part 215**

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

**Item M: 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

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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 N: 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: Required Emissions Tests  
Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 1.1:**

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

**Condition 3: Visible Emissions Limited  
Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 3.1:**

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



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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 2: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 2.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 2.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR, 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.

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
  - 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



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

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 4: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 4.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000071-43-2	BENZENE
CAS No: 000074-82-8	METHANE
CAS No: 000108-88-3	TOLUENE
CAS No: 000108-95-2	PHENOL
CAS No: 001330-20-7	XYLENE, M, O & P MIXT.
CAS No: 007664-39-3	HYDROGEN FLUORIDE
CAS No: 007664-41-7	AMMONIA
CAS No: 0NY210-00-0	OXIDES OF NITROGEN
CAS No: 0NY075-00-5	PM-10

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**Item 4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY SHALL SUBMIT STACK TESTING PROTOCOLS TO THE DEPARTMENT WITHIN 180 DAYS OF THE ISSUANCE OF THIS PERMIT. STACK TESTING PROTOCOLS SHALL BE SUBMITTED FOR THE PTFE OVENS LOCATED IN THE FOLLOWING EMISSION UNITS; 2-OVEN5, 3-OVEN6. CONTAMINATE TESTING SHALL INCLUDED BUT NOT LIMITED TO THE THE CONTAMINATES LISTED IN THIS CONDITION. TESTING WILL SAMPLE BOTH INLET AND OUTLET GAS STREAMS OF THE CONTROL DEVICES. TESTING WILL BE COMPLETED WITHIN 180 DAYS AFTER THE TESTING PROTOCOLS ARE APPROVED BY THE DEPARTMENT.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 5: Permit Requirements**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.1(a)**

**Item 5.1:**

Every owner or operator of a facility applying for a Title V facility permit or State facility permit, including modifications, must:

- (1) identify the method(s) (e.g., sampling, testing, etc.), if any, that will be used to comply with the requirements of this Part;
- (2) where applicable, provide a process specific reasonably available control technology (RACT) determination under subdivision 228.3(e) unless the RACT demonstration has already been approved by the Department and the Administrator and a reevaluation frequency for the RACT determination is included in the facility's existing Title V facility permit or State facility permit; and
- (3) where applicable, submit evidence to demonstrate that the shut down of a natural gas fired VOC incinerator pursuant to subdivision 228.3(b) will not jeopardize air quality.

**Condition 6: Compliance Demonstration**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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**Applicable Federal Requirement: 6NYCRR 228.2(b)(35)**

**Item 6.1:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For all surface coatings subject to 6NYCRR Part 228, the VOC content (as applied, minus water and exempt VOC), must be less than or equal to the limit specified in Table 1 or Table 2 for the respective surface that is coated.

The VOC content of a coating, as applied, shall be calculated as follows:

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

Where:

(VOC)<sub>a</sub> = VOC content of a coating, as applied, expressed as pounds of VOC per gallon of coating minus water and excluded VOC

(Wv)<sub>a</sub> = The pounds of total volatiles per gallon of an as applied coating

(Ww)<sub>a</sub> = The pounds of water per gallon of an as applied coating

(We)<sub>a</sub> = The pounds of excluded VOC per gallon of an as applied coating

(Vw)<sub>a</sub> = The gallons of water per gallon of an as applied coating

(Ve)<sub>a</sub> = The gallons of excluded VOC per gallon of an as applied coating

Reference Test Method: EPA Method 24

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



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

**Condition 7: Required emission tests**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 7.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 7.2:**

An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

**Condition 8: Solids as applied**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.3(c)**

**Item 8.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 8.2:**

The overall removal efficiency of an air cleaning device used as a control strategy must be determined, for every surface coating formulation, on a solids as applied basis using Equation 2 unless a 85 percent of greater overall removal efficiency is achieved by the air cleaning device. The air cleaning device must be designed and operated to provide, at a minimum, an overall removal efficiency of either 85 percent or as determined by Equation 2.

$$n = \left[ 1 - \frac{(VOC)_c(Vn)_a}{(VOC)_a(Vn)_c} \right] \times 100\% \quad \text{Equation 2}$$

where:

n is the overall removal efficiency

(VOC)<sub>c</sub> is the maximum permissible pounds of VOC per gallon of coating minus water and excluded VOC at application, as set forth in tables 1 and 2 of 6 NYCRR 228.

(VOC)<sub>a</sub> is the VOC content of an as applied coating, expressed as pounds of VOC per gallon of coating minus water and excluded VOC

(Vn)<sub>c</sub> is the volumetric fraction of solids, expressed as gallon of solids per gallon of coating minus water and excluded VOC, in a compliant coating expressed as:

$$(Vn)_c = 1 - (Vv)_c \quad \text{Equation 3}$$



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(Vv)c is the volumetric fraction of VOC, expressed as gallon of VOC per gallon of coating minus water and excluded VOC, in a compliant coating expressed as:

$$(Vv)c = \frac{(VOC)c}{dvoc} \quad \text{Equation 4}$$

(Vn)a is the volumetric fraction of solids, expressed as gallon of solids per gallon of coating minus water and excluded VOC, in an as applied coating expressed as:

$$(Vn)a = 1 - (Vv)a \quad \text{Equation 5}$$

(Vv)a is the volumetric fraction of VOC, expressed as gallon of VOC per gallon of coating minus water and excluded VOC, in an as applied coating expressed as:

$$(Vv)a = \frac{(VOC)a}{dVOC} \quad \text{Equation 6}$$

dVOC is the density of VOC as applied, i.e., total volatiles minus water and excluded VOC, in pounds of VOC per gallon of VOC

**Condition 9: Compliance Demonstration**  
Effective between the dates of 11/27/2006 and Permit Expiration Date

**Applicable Federal Requirement: 6NYCRR 228.5(a)**

**Item 9.1:**  
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

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

**Item 9.2:**  
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

The owner or operator of any emission source subject to 6NYCRR Part 228 must maintain and, upon request, provide the Department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of each as applied coating, (VOC)a, used at the facility. In addition,



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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. Any facility required to perform the overall removal efficiency calculation, 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 85 percent. Any additional information required to determine compliance must be provided to the Department in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 10: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(f)**

**Item 10.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 10.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and/or operator of a surface coating process must follow notification requirements, protocol requirements and test procedures of Part 202 of this Title for testing and monitoring. Depending upon conditions at a test site, one of the following test methods from Appendix A of 40 CFR 60 (see Table 1, section 200.9 of this Title) must be used when measuring VOC concentrations of a gas stream at the inlet and outlet of a control device to determine the destruction and/or removal efficiency:

(1) Method 18, Measurement of Gaseous Organic Compound

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Emissions by Gas Chromatography;

(2) Method 25, Determination of Total Gaseous Organic Emissions as Carbon; or

(3) Method 25A, Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 11: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(g)(1)**

**Item 11.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 11.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

When a air cleaning device is used in the surface coating process, continuous monitors for exhaust gas temperature of all incinerators must be installed, periodically calibrated, and operated.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1400 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 12: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(j)**

**Item 12.1:**

The Compliance Demonstration activity will be performed for:

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Emission Unit: 1-ADHES

**Item 12.2:**

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 6NYCRR Part 228 must be reported to the Department within 30 days following notice or generation of the information or record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 13: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.10**

**Item 13.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

**Item 13.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

(d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling,



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maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;

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

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

(g) beginning on January 1, 2005, clean spray guns used to apply mobile equipment repair and refinishing or color-matched coatings by one of the following:

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

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

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

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

Open containers, if found, shall be covered and such deviations shall be noted in a log maintained in the operating area. The log shall include the following information:

- date and time of observation
- description of observed deviation from this permit condition
- corrective measures taken, if necessary

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 14: Applicability of General Provisions of 40 CFR 60 Subpart A Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 14.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 14.2:**



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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 15: EPA Region 2 address.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A**

**Item 15.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 15.2:**

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 16: Modification Notification**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 16.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 16.2:**

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- 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 40 CFR Part 60. 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



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change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

**Condition 17: Recordkeeping requirements.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 17.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 17.2:**

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 18: Excess Emissions Report**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 18.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 18.2:**

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 19: Monitoring frequency waiver.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 19.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 19.2:** 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 20: Facility files for subject sources.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**



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

**Item 20.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 20.2:**

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 21: Performance test methods.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 21.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 21.2:**

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

**Condition 22: Required performance test information.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 22.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 22.2:**

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 23: Prior notice.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 23.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 23.2:**

The owner or operator shall provide the Administrator with prior notice of any performance test at least



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30 days in advance of testing.

**Condition 24: Performance testing facilities.**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 24.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 24.2:**

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 25: Number of required tests.**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 25.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 25.2:**

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 26: Availability of information.**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A**

**Item 26.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 26.2:**

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 27: Compliance with Standards and Maintenance Requirements**



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**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 27.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 27.2:**

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 28: Circumvention.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A**

**Item 28.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 28.2:**

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 29: Monitoring requirements.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A**

**Item 29.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 29.2:**

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

**Condition 30: Modifications.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A**

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**Item 30.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 30.2:**

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 31: Reconstruction.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A**

**Item 31.1:**

This Condition applies to Emission Unit: 1-ADHES

**Item 31.2:**

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 32: Applicability and designation of affected facility.**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 32.1:**

This Condition applies to Emission Unit: 1-ADHES



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**Item 32.2:** 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 33: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 33.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

**Item 33.2:**

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 34: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 34.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

**Item 34.2:**



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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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 35: Compliance Demonstration**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 35.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-ADHES

**Item 35.2:**

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

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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

**Condition 36: Required emission tests**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 36.1:**

This Condition applies to Emission Unit: 2-OVEN5

**Item 36.2:**

An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

**Condition 37: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(a)**

**Item 37.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-OVEN5

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 37.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any emission source subject to 6NYCRR Part 228 must maintain and, upon request, provide the Department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of each as applied coating, (VOC)a, 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,



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these records must be submitted to the Department. Any facility required to perform the overall removal efficiency calculation, 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 85 percent. Any additional information required to determine compliance must be provided to the Department in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 38: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(j)**

**Item 38.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-OVEN5

**Item 38.2:**

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 6NYCRR Part 228 must be reported to the Department within 30 days following notice or generation of the information or record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 39: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.10**

**Item 39.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-OVEN5



**Item 39.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Open containers, if found, shall be covered and such deviations shall be noted in a log maintained in the

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operating area. The log shall include the following information:

- date and time of observation
- description of observed deviation from this permit condition
- corrective measures taken, if necessary

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 40: Required emission tests**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 40.1:**

This Condition applies to Emission Unit: 3-OVEN6

**Item 40.2:**

An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

**Condition 41: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(a)**

**Item 41.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 3-OVEN6

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 41.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any emission source subject to 6NYCRR Part 228 must maintain and, upon request, provide the Department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of each as applied



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coating, (VOC)a, 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. Any facility required to perform the overall removal efficiency calculation, 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 85 percent. Any additional information required to determine compliance must be provided to the Department in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 42: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 228.5(j)**

**Item 42.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 3-OVEN6

**Item 42.2:**

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 6NYCRR Part 228 must be reported to the Department within 30 days following notice or generation of the information or record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 43: Compliance Demonstration**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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**Applicable Federal Requirement: 6NYCRR 228.10**

**Item 43.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 3-OVEN6

**Item 43.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

Open containers, if found, shall be covered and such deviations shall be noted in a log maintained in the operating area. The log shall include the following information:

- date and time of observation
- description of observed deviation from this permit condition
- corrective measures taken, if necessary

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 - 6NYCRR Part 201-1.10(a)**

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

**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

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law.

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state only enforceable.**

**Condition 44: Contaminant List**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 44.1:**

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

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 000071-43-2

Name: BENZENE

CAS No: 007664-39-3

Name: HYDROGEN FLUORIDE

CAS No: 000074-82-8

Name: METHANE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 000108-95-2

Name: PHENOL

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 0NY998-00-0

Name: VOC

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

**Condition 45: Unavoidable noncompliance and violations**

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**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

Item 45.1:

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

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

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

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

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

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

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**Condition 46: Emission Unit Definition**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 46.1:**

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

Emission Unit: 1-ADHES

Emission Unit Description:

THE NEW ADHESIVE COATER IS VENTED TO THE THERMAL OXIDIZER AND THEN TO ATMOSPHERE THROUGH EMISSION POINT 00001. THE NEW ADHESIVE COATER IS SUBJECT TO RECORD KEEPING REQUIREMENTS UNDER NSPS SUBPART VVV.

Building(s): 1

**Item 46.2:**

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

Emission Unit: 2-OVEN5

Emission Unit Description:

DURING NORMAL OPERATION, PTFE OVENS LOCATED IN BUILDINGS 4 AND 5 VENT TO A FUME ELIMINATOR THROUGH A COMMON EXHAUST. FOUR TURBINE VENTILATORS LOCATED IN THE OVEN ROOM ARE ALSO USED TO REMOVE HEAT ALONG WITH SMALL AMOUNTS OF AMMONIA AND SURFACTANT. THE TURBINE VENTILATORS VENT DIRECTLY TO THE ATMOSPHERE. FORMIC ACID MAY ALSO BE EMITTED DIRECTLY TO THE ATMOSPHERE FROM FOUR OVEN EXHAUSTS PRIOR TO THE FUME ELIMINATOR.

Building(s): 4/5

**Item 46.3:**

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

Emission Unit: 3-OVEN6

Emission Unit Description:

THREE PTFE OVENS LOCATED IN BUILDING 6 VENT TO A FUME ELIMINATOR THROUGH A COMMON EXHAUST.

Building(s): 6



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**Item 46.4:**

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

Emission Unit: 4-MIXRM

Emission Unit Description:

TWO MIXING ROOMS ARE EXHAUSTED BY  
INDIVIDUAL FANS TO THE ATMOSPHERE.

Building(s): 4

**Condition 47: Compliance Demonstration**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 47.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 47.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required in 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  
1150 N. Westcott Rd  
Schenectady, NY 12306

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 48: Compliance Demonstration**

**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5.4(b)**

**Item 48.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 48.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

CERTAIN CHANGES AND MODIFICATIONS WHICH MEET THE CRITERIA UNDER SUBPARAGRAPHS (i)-(iii) OF 6NYCRR 201-5.4(b) MAY BE CONDUCTED WITHOUT PRIOR APPROVAL OF THE DEPARTMENT AND SHALL NOT REQUIRE MODIFICATION OF THE PERMIT. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF THIS PARAGRAPH OF THIS SUBDIVISION, THE PERMITTEE MUST NOTIFY THE DEPARTMENT IN WRITING AT LEAST 30 DAYS IN ADVANCE OF MAKING CERTAIN CHANGES.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 49: Air pollution prohibited**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 49.1:**

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.

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

**Condition 50: Emission Point Definition By Emission Unit**  
**Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 50.1:**

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

Emission Unit: 1-ADHES

Emission Point: 00001

Height (ft.): 25

Length (in.): 53

Width (in.): 30



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NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 1

**Item 50.2:**

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

Emission Unit: 2-OVEN5

Emission Point: 00002

Height (ft.): 21      Diameter (in.): 18  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5

Emission Point: 00003

Height (ft.): 21      Diameter (in.): 18  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5

Emission Point: 00004

Height (ft.): 21      Diameter (in.): 18  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5

Emission Point: 00005

Height (ft.): 21      Diameter (in.): 18  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5

Emission Point: 00006

Height (ft.): 1      Diameter (in.): 20  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5

Emission Point: 00007

Height (ft.): 36      Diameter (in.): 40  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5

Emission Point: 00008

Height (ft.): 4      Length (in.): 16      Width (in.): 13  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5

Emission Point: 00009

Height (ft.): 5      Length (in.): 15      Width (in.): 13  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5

Emission Point: 00010

Height (ft.): 3      Length (in.): 15      Width (in.): 13  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5

Emission Point: 00011

Height (ft.): 5      Length (in.): 24      Width (in.): 20  
NYTMN (km.): 4733.      NYTME (km.): 634.      Building: 4/5



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Emission Point: 00015  
Height (ft.): 14                      Length (in.): 19                      Width (in.): 17  
NYTMN (km.): 4733.                      NYTME (km.): 634.                      Building: 4/5

Emission Point: 00016  
Height (ft.): 14                      Length (in.): 19                      Width (in.): 17  
NYTMN (km.): 4733.                      NYTME (km.): 634.                      Building: 4/5

**Item 50.3:**

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

Emission Unit: 3-OVEN6

Emission Point: 00014  
Height (ft.): 36                      Diameter (in.): 40  
NYTMN (km.): 4733.                      NYTME (km.): 634.                      Building: 6

**Item 50.4:**

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

Emission Unit: 4-MIXRM

Emission Point: 00012  
Height (ft.): 20                      Diameter (in.): 14  
NYTMN (km.): 4733.                      NYTME (km.): 634.                      Building: 4

Emission Point: 00013  
Height (ft.): 20                      Diameter (in.): 14  
NYTMN (km.): 4733.                      NYTME (km.): 634.                      Building: 4

**Condition 51: Process Definition By Emission Unit  
Effective between the dates of 11/27/2006 and Permit Expiration Date**

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

**Item 51.1:**

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

Emission Unit: 1-ADHES  
Process: ONE    Source Classification Code: 4-02-013-10  
Process Description:  
THE ADHESIVE COATER VENTS TO THE THERMAL  
OXIDIZER DURING COATING OPERATIONS.

Emission Source/Control: OOA01 - Control  
Control Type: THERMAL OXIDATION



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Emission Source/Control: OOA02 - Process  
Design Capacity: 750,000 British thermal units per hour

**Item 51.2:**

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

Emission Unit: 2-OVEN5

Process: FOR

Process Description:

AT LOW OVEN TEMPERATURES, FORMIC ACID IS  
EMITTED FROM ZONE 1 OF SIX OVENS (CA, CB,  
CC, CK, CI, CJ) DIRECTLY TO THE ATMOSPHERE.  
(ZONE 1 HIGH TEMPERATURE EMISSIONS AND  
ZONE 2 AND 3 EMISSIONS ARE VENTED TO THE  
FUME ELIMINATOR.)

Emission Source/Control: OOB03 - Process

Emission Source/Control: OOB04 - Process

Emission Source/Control: OOB05 - Process

Emission Source/Control: OOB06 - Process

Emission Source/Control: OOB07 - Process

Emission Source/Control: OOB08 - Process

**Item 51.3:**

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

Emission Unit: 2-OVEN5

Process: NOR

Process Description:

DURING NORMAL OPERATIONS THE OVENS IN  
BUILDINGS FOUR AND FIVE VENT TO THE  
BUILDING FIVE FUME ELIMINATOR.

Emission Source/Control: OOB02 - Process

**Item 51.4:**

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

Emission Unit: 3-OVEN6

Process: SIX

Process Description:

THE OVENS IN BUILDING SIX VENT TO THE FUME



ELIMINATOR.

Emission Source/Control: OOC01 - Process

**Item 51.5:**

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

Emission Unit: 4-MIXRM

Process: MIX

Process Description:

VARIOUS COMPONENTS ARE MIXED IN 30 GALLON  
CONTAINERS IN TWO SEPARATE MIX ROOMS.  
EMISSIONS ARE REMOVED DURING THE MIXING  
PROCESS THROUGH TWO EXHAUST FANS.

Emission Source/Control: OOD01 - Process

Design Capacity: 1,430 cubic feet per minute (standard conditions)

Emission Source/Control: OOD02 - Process

Design Capacity: 1,430 cubic feet per minute (standard conditions)