



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-4228-00076/00117
Effective Date: 02/09/2010 Expiration Date: 02/08/2015

Permit Issued To: VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306-2496

Contact: KAREN TOTH
VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306
(518) 344-7142

Facility: VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306

Contact: KAREN TOTH
VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306
(518) 344-7142

Description:
Title V Renewal

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
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 ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before 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 to the Department for approval.



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 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: 4-4228-00076/00117

Facility DEC ID: 4422800076



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306-2496

Facility: VON ROLL USA INC
200 VON ROLL DR
SCHENECTADY, NY 12306

Authorized Activity By Standard Industrial Classification Code:
2295 - COATED FABRICS, NOT RUBBERIZED
2821 - PLASTICS MATERIALS AND RESINS
2851 - PAINTS AND ALLIED PRODUCTS
3299 - NONMETALLIC MINERAL PRODUCTS

Permit Effective Date: 02/09/2010

Permit Expiration Date: 02/08/2015



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 2 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 3 6 NYCRR 201-6.5 (a) (7): Fees
- 4 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 5 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 6 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 1 6 NYCRR 215.2: Open Fires - Prohibitions
- 9 6 NYCRR 200.7: Maintenance of Equipment
- 10 6 NYCRR 201-1.7: Recycling and Salvage
- 11 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 12 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 13 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 14 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 15 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 16 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 17 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 6 NYCRR 211.3: Visible Emissions Limited
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 23 6 NYCRR 201-6.5 (c) (3): Compliance Certification
- 24 6 NYCRR 201-6.5 (e): Compliance Certification
- 25 6 NYCRR 212.3 (b): Compliance Certification
- 26 6 NYCRR 212.6 (a): Compliance Certification
- 27 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 28 6 NYCRR 225-1.8 (a): Compliance Certification
- 29 6 NYCRR 228.3 (a): Recordkeeping, reports of VOCs
- 30 6 NYCRR 228.4: Compliance Certification
- 31 6 NYCRR 228.5 (a): Compliance Certification
- 32 6 NYCRR 228.5 (b): Use of Methods 311 or 24.
- 33 6 NYCRR 228.5 (c): Compliance Certification
- 34 6 NYCRR 228.5 (d): Department access to obtain samples
- 35 6 NYCRR 228.6 (a): Prohibition of Sale
- 36 6 NYCRR 228.7: Compliance Certification
- 37 6 NYCRR 228.7: Compliance Certification
- 38 6 NYCRR 228.10: Compliance Certification
- 39 40CFR 63.10(b)(2), Subpart A: Compliance Certification
- 40 40CFR 63.10(c), Subpart A: Compliance Certification

Emission Unit Level

- 41 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 42 6 NYCRR Subpart 201-6: Process Definition By Emission Unit



EU=1-14NC1

- 43 6 NYCRR 202-1.1: Compliance Certification
- 44 6 NYCRR 228.3 (c): Solids as applied
- 45 6 NYCRR 228.5 (e) (2): Demonstration of efficiency other than VOC/solvent recovery
- 46 6 NYCRR 228.5 (f): Compliance Certification
- 47 40CFR 63.3320(b)(1), Subpart JJJJ: Compliance Certification
- 48 40CFR 63.3350(c)(2), Subpart JJJJ: Compliance Certification
- 49 40CFR 63.3350(f), Subpart JJJJ: Compliance Certification
- 50 40CFR 63.3370(k), Subpart JJJJ: Compliance Certification
- 51 40CFR 63.3370(n), Subpart JJJJ: Compliance Certification

EU=1-14NC1,Proc=CC2

- 52 40CFR 63.3360(c), Subpart JJJJ: Compliance Certification

EU=1-14NC1,Proc=NC1

- 59 40CFR 63.3360(f), Subpart JJJJ: Compliance Certification

EU=1-14NC1,Proc=NC1,ES=00OX1

- 53 6 NYCRR 228.5 (g) (1): Compliance Certification
- 54 40CFR 63.3350(e), Subpart JJJJ: Compliance Certification
- 55 40CFR 63.3350(e), Subpart JJJJ: Compliance Certification
- 56 40CFR 63.3350(e), Subpart JJJJ: Compliance Certification
- 57 40CFR 63.3360(c), Subpart JJJJ: Compliance Certification
- 58 40CFR 63.3360(e), Subpart JJJJ: Compliance Certification
- 60 40CFR 63.3400(d), Subpart JJJJ: Compliance Certification
- 61 40CFR 63.3400(f), Subpart JJJJ: Compliance Certification
- 62 40CFR 63.3410, Subpart JJJJ: Compliance Certification

EU=1-14NC2

- 63 6 NYCRR 202-1.1: Compliance Certification
- 64 6 NYCRR 212.4 (c): Compliance Certification
- 65 6 NYCRR 228.3 (c): Solids as applied
- 66 6 NYCRR 228.5 (e) (2): Demonstration of efficiency other than VOC/solvent recovery
- 67 6 NYCRR 228.5 (f): Compliance Certification
- 68 40CFR 63.3320(b)(1), Subpart JJJJ: Compliance Certification
- 69 40CFR 63.3350(c)(2), Subpart JJJJ: Compliance Certification
- 70 40CFR 63.3350(f), Subpart JJJJ: Compliance Certification
- 71 40CFR 63.3370(k), Subpart JJJJ: Compliance Certification
- 72 40CFR 63.3370(n), Subpart JJJJ: Compliance Certification

EU=1-14NC2,Proc=CC3

- 73 40CFR 63.3360(c), Subpart JJJJ: Compliance Certification

EU=1-14NC2,Proc=NC2

- 94 40CFR 63.3360(f), Subpart JJJJ: Compliance Certification

EU=1-14NC2,Proc=NC2,ES=00OX2

- 74 6 NYCRR 228.5 (g) (1): Compliance Certification
- 89 40CFR 63.3350(e), Subpart JJJJ: Compliance Certification



- 90 40CFR 63.3350(e), Subpart JJJJ: Compliance Certification
- 91 40CFR 63.3350(e), Subpart JJJJ: Compliance Certification
- 92 40CFR 63.3360(c), Subpart JJJJ: Compliance Certification
- 93 40CFR 63.3360(e), Subpart JJJJ: Compliance Certification
- 95 40CFR 63.3400(d), Subpart JJJJ: Compliance Certification
- 96 40CFR 63.3400(f), Subpart JJJJ: Compliance Certification
- 97 40CFR 63.3410, Subpart JJJJ: Compliance Certification

EU=1-14NC2,Proc=NC2,ES=01050

- 75 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 76 40CFR 60.742(a), NSPS Subpart VVV: Compliance Certification
- 77 40CFR 60.742(b)(2), NSPS Subpart VVV: Compliance Certification
- 78 40CFR 60.742(c)(1), NSPS Subpart VVV: Compliance Certification
- 79 40CFR 60.743(c), NSPS Subpart VVV: Compliance Certification
- 80 40CFR 60.744, NSPS Subpart VVV: Compliance Certification
- 81 40CFR 60.744(e), NSPS Subpart VVV: Compliance Certification
- 82 40CFR 60.744(h), NSPS Subpart VVV: Compliance Certification
- 83 40CFR 60.745(a), NSPS Subpart VVV: Compliance Certification
- 84 40CFR 60.745(b), NSPS Subpart VVV: Compliance Certification
- 85 40CFR 60.747, NSPS Subpart VVV: Compliance Certification
- 86 40CFR 60.747(a), NSPS Subpart VVV: Compliance Certification
- 87 40CFR 60.747(d)(4), NSPS Subpart VVV: Compliance Certification
- 88 40CFR 60.747(d)(6), NSPS Subpart VVV: Compliance Certification

EU=1-14SL1,Proc=SLV

- 98 6 NYCRR 212.3 (a): Emissions from existing sources

EU=1-33001

- 99 6 NYCRR 212.3 (a): Emissions from existing sources
- 100 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification

EU=1-42001

- 101 6 NYCRR 212.3 (a): Emissions from existing sources

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 102 ECL 19-0301: Contaminant List
- 103 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 104 6 NYCRR 201-5.3 (b): Compliance Demonstration
- 105 6 NYCRR 211.2: Air pollution prohibited



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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is



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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



(NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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

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

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

Condition 2: Acceptable Ambient Air Quality
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 200.6

Item 2.1:

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

Condition 3: Fees
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 3.1:

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

Condition 4: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 4.1:



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

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

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

Condition 5: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 5.1:

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

Condition 6: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Submit reports of any required monitoring at a minimum



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

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

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

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

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

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A



written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2010.
Subsequent reports are due every 6 calendar month(s).

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Condition 7: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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

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

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

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

Condition 1: Open Fires - Prohibitions
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 215.2

Item 1.1:

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

Item 1.2

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



- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

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

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

**Condition 9: Maintenance of Equipment
Effective between the dates of 02/09/2010 and 02/08/2015**



Applicable Federal Requirement:6 NYCRR 200.7

Item 9.1:

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 10: Recycling and Salvage
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 10.1:

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

Condition 11: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 11.1:

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

Condition 12: Exempt Sources - Proof of Eligibility
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 12.1:

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

Condition 13: Trivial Sources - Proof of Eligibility
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 13.1:



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

Condition 14: Standard Requirement - Provide Information
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (4)

Item 14.1:

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

Condition 15: General Condition - Right to Inspect
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (8)

Item 15.1:

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

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 16: Standard Requirements - Progress Reports
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 16.1:



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

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

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

Condition 17: Off Permit Changes
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 17.1:

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

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

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

Condition 18: Required Emissions Tests
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. 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 19: Visible Emissions Limited
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 211.3



Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

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

Emission Unit: 1-14CC1

Emission Unit Description:

RV14 Compliant Coating Lines: Includes emissions from two surface coating lines, the Kiss Coater and 1531 Hot Melt Treater (EP 12009 serves the Kiss Coater and EP 12023 serves both Treaters), which treat substrates with low volatile coatings. The small and large batch ovens (EP 12021 and 12022, respectively) are used to cure the materials manufactured on the treaters and are, therefore, part of this emission unit. Unit includes fugitive emissions from the Kiss Coater and the Hot Melt plus the emissions from the natural gas fired in the ovens. Permit based on operation with compliant coatings only(<2.9 lb VOC/gal and non-HAP VOCs).

Building(s): RV14

Item 22.2:

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

Emission Unit: 1-14NC1

Emission Unit Description:

RV14 Primary Non-compliant Coating Lines: includes all the emissions from four surface coating lines (Laminator, 1040 Treater, Vertical Towers 1 & 2). See supporting document Attachment C for a further discussion of this emission unit. Unit includes any fugitive emissions, emissions from the natural gas fired in the treater ovens and the fuel used in the OX1 thermal oxidizer to maintain the operating temperature. Coating lines can also operate based on the use of compliant coatings (<2.9 lb VOC/gal and non-HAP) at which time the process does not require control equipment.

Building(s): RV14

Item 22.3:

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

Emission Unit: 1-14NC2

Emission Unit Description:

RV14 Secondary Non-compliant Coating Lines: includes all the emissions from three surface coating lines (1196 Treater with the Reverse Roll Coater and 1050 Treater). See supporting document Attachment C for a further discussion of this emission unit. Unit includes the sodium hydroxide from the 1196 Treater belt drier, and emissions from the natural gas fired in the 1196 Treater ovens, belt drier and the fuel used in the oxidizer to maintain the operating temperature. Coating lines can also be operated

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based on the use of compliant coatings (<2.9 lb VOC/gal per NYCRR Part 228, non-HAP and the 1050 Treater waterborne coatings consistent with new source standard 40 CFR 60 Subpart VVV) at which time the process does not require control equipment.

Building(s): RV14

Item 22.4:

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

Emission Unit: 1-14SL1

Emission Unit Description:

RV14 Slitter/Packing Ventilation (EPN 12015, 12018, 12019, 12020) and a Mica Dust Knockout Unit (EPN 12035) includes the emissions from the slitters used to cut the materials produced on the treaters into various widths and the associated Packing Areas. Includes ventilation emission from the new RV14 drum compactor for compacting scrap tape and other materials.

Building(s): RV14

Item 22.5:

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

Emission Unit: 1-33001

Emission Unit Description:

RV33 Misc. General Processes: currently includes the emissions from reactor and mixing operations in building RV33 (including the outdoors storage tank M-9). Includes a future outdoor storage tank M-21.

Building(s): RV33

Item 22.6:

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

Emission Unit: 1-42001

Emission Unit Description:

RV42 Hazardous Waste Drum Compactor: Includes the emissions from the ventilation of the drum compactor.

Building(s): RV42

Condition 23: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 23.1:

The Compliance Certification activity will be performed for the Facility.

Item 23.2:

Compliance Certification shall include the following monitoring:



The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary

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Source Compliance Section, the Region 2 EPA representative
for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

1130 North Westcott Road
Schenectady, NY 12306-2014

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due on the same day each year

Condition 25: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement: 6 NYCRR 212.3 (b)

Item 25.1:

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

Emission Unit: 1-14CC1

Emission Unit: 1-14NC1

Emission Unit: 1-14SL1

Emission Unit: 1-33001

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

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than



0.15 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: EPA Method 5

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 26: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

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

Records of visible emissions observations (or any

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 27: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 225-1.2 (a) (2)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 28: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 225-1.8 (a)

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 29: Recordkeeping, reports of VOCs
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.3 (a)

Item 29.1:

This Condition applies to:

Emission Unit: 114CC1
Process: CC1

Emission Unit: 114NC1
Process: CC2

Emission Unit: 114NC2
Process: CC3

Item 29.2:

Use of coatings that exceed the maximum permitted pounds of VOC per gallon, minus water and excluded VOC at application specified in table 1 of section 228.7 or table 2 of section 228.8 of 6 NYCRR Part 228 is prohibited.

Condition 30: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.4

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:



No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 31: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement: 6 NYCRR 228.5 (a)

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-14CC1

Emission Unit: 1-14NC1

Emission Unit: 1-14NC2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 31.2:

Compliance Certification 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/manufacture 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, 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.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 32: Use of Methods 311 or 24.
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.5 (b)

Item 32.1:

Upon request by the Department, the owner and operator of any emission source subject to 6NYCRR Part 228, must use Method 311 or Method 24 as presented in Appendices A of both 40 CFR Parts 63 and 60, respectively (see table 1, section 200.9 of Title 6), 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.

Condition 33: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.5 (c)

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When the sampling and analysis methods referenced in subdivisions (b) or (f) or paragraph (e)(2) of 6 NYCRR 228.5 are not applicable, alternate sampling and analysis methods can be used, subject to the approval of the Department and the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Department access to obtain samples
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.5 (d)

Item 34.1:

Representatives of the department must be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance with 6 NYCRR Part 228.



Condition 35: Prohibition of Sale
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.6 (a)

Item 35.1:

(A) No person shall sell, specify, or require for use the application of a coating on a part or product at a facility with a coating line described in table 1 or 2 in section 228.7 or 228.8 of 6NYCRR Part 228 if such use is prohibited by any of the provisions of this Part. The prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at this facility. This prohibition shall not apply to the following:

- (1) coatings utilized at surface coating lines where control equipment has been installed to meet the maximum permitted VOC content limitations specified in tables 1 and 2 of sections 228.7 or 228.8 of 6NYCRR Part 228;
- (2) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in section 228.3(d) of 6NYCRR Part 228; and
- (3) coatings utilized at surface coating lines that have been granted variances for reasons of technological and economic feasibility per section 228.3(e) of 6NYCRR Part 228.

Condition 36: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.7

Item 36.1:

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

Emission Unit: 1-14CC1
Process: CC1

Emission Unit: 1-14NC1
Process: CC2

Emission Unit: 1-14NC2
Process: CC3

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

Item 36.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The maximum permitted pounds of VOC per gallon (minus water and excluded VOC) of coating at application for fabric coating lines is 2.9

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Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: COATING LINES
Parameter Monitored: VOC CONTENT
Upper Permit Limit: 2.9 pounds per gallon
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 37: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.7

Item 37.1:

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

Emission Unit: 1-14CC1
Process: CC1

Emission Unit: 1-14NC1
Process: CC2

Emission Unit: 1-14NC2
Process: CC3

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

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The maximum permitted pounds of VOC per gallon (minus
water and excluded VOC) of coating at application, for
paper coating lines is 2.9

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: COATING LINES
Parameter Monitored: VOC CONTENT
Upper Permit Limit: 2.9 pounds per gallon
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 38: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.10



Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 38.2:

Compliance Certification 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 this facility subject to 6NYCRR Part 228 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

All associated coating line work area(s) within the facility shall be inspected daily to determine if there are any open containers present, and that only acceptable spray gun cleaning methods were utilized. A log book shall be maintained to record these inspections and their results. The log book shall include the following



information:

- date and time of inspection
- items or areas observed
- corrective measures taken, if necessary

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.10(b)(2), Subpart A

Item 39.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-14NC1

Emission Unit: 1-14NC2

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Von Roll is subject to all monitoring and reporting requirements applicable under 40 CFR 63.10(b)(2) Subpart A.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 40: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.10(c), Subpart A

Item 40.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-14NC1

Emission Unit: 1-14NC2

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

Von Roll is subject to the additional recordkeeping requirements for sources with continuous monitoring systems under 40 CFR 63.10(c).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 41: Emission Point Definition By Emission Unit
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 41.1:

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

Emission Unit: 1-14CC1

Emission Point: 12009

Height (ft.): 33 Diameter (in.): 17
NYTMN (km.): 4739.488 NYTME (km.): 583.127 Building: RV14

Emission Point: 12021

Height (ft.): 56 Diameter (in.): 16
NYTMN (km.): 4739.951 NYTME (km.): 583.111 Building: RV14

Emission Point: 12022

Height (ft.): 39 Diameter (in.): 8
NYTMN (km.): 4739.512 NYTME (km.): 583.126 Building: RV14

Emission Point: 12023

Height (ft.): 36 Diameter (in.): 36
NYTMN (km.): 4739.49 NYTME (km.): 583.128 Building: RV14

Item 41.2:

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

Emission Unit: 1-14NC1

Emission Point: 12006

Height (ft.): 60 Diameter (in.): 30
NYTMN (km.): 4739.496 NYTME (km.): 583.104 Building: RV14

Emission Point: 12007

Height (ft.): 59 Diameter (in.): 10
NYTMN (km.): 4739.512 NYTME (km.): 583.078 Building: RV14



Emission Point: 12008
Height (ft.): 59 Diameter (in.): 10
NYTMN (km.): 4739.512 NYTME (km.): 583.081 Building: RV14

Emission Point: 12012
Height (ft.): 42 Diameter (in.): 22
NYTMN (km.): 4739.478 NYTME (km.): 583.086 Building: RV14

Emission Point: 12013
Height (ft.): 60 Diameter (in.): 54
NYTMN (km.): 4739.472 NYTME (km.): 583.09 Building: RV14

Emission Point: 12017
Height (ft.): 57 Diameter (in.): 21
NYTMN (km.): 4739.517 NYTME (km.): 583.079 Building: RV14

Emission Point: 12037 Removal Date: 05/01/2004
Height (ft.): 43 Diameter (in.): 28
NYTMN (km.): 4739.53 NYTME (km.): 583.113 Building: RV14

Emission Point: 12039
Height (ft.): 57 Length (in.): 19 Width (in.): 19
NYTMN (km.): 4739.513 NYTME (km.): 583.079 Building: RV14

Emission Point: 12040
Height (ft.): 57 Length (in.): 19 Width (in.): 19
NYTMN (km.): 4739.515 NYTME (km.): 583.08 Building: RV14

Emission Point: 12041
Height (ft.): 57 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4739.519 NYTME (km.): 583.082 Building: RV14

Emission Point: 12042
Height (ft.): 57 Length (in.): 24 Width (in.): 24
NYTMN (km.): 4739.521 NYTME (km.): 583.082 Building: RV14

Emission Point: 12044
Height (ft.): 55 Diameter (in.): 16
NYTMN (km.): 4739.501 NYTME (km.): 583.109 Building: RV14

Item 41.3:

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

Emission Unit: 1-14NC2

Emission Point: 12002
Height (ft.): 40 Diameter (in.): 24
NYTMN (km.): 4739.489 NYTME (km.): 583.063 Building: RV14

Emission Point: 12003
Height (ft.): 40 Diameter (in.): 24
NYTMN (km.): 4739.484 NYTME (km.): 583.073 Building: RV14



Emission Point: 12004
Height (ft.): 40 Diameter (in.): 24
NYTMN (km.): 4739.479 NYTME (km.): 583.083 Building: RV14

Emission Point: 12005
Height (ft.): 44 Diameter (in.): 20
NYTMN (km.): 4739.486 NYTME (km.): 583.07 Building: RV14

Emission Point: 12038
Height (ft.): 37 Diameter (in.): 14
NYTMN (km.): 4739.486 NYTME (km.): 583.068 Building: RV14

Emission Point: 12043
Height (ft.): 36 Diameter (in.): 18
NYTMN (km.): 4739.498 NYTME (km.): 583.053 Building: RV14

Emission Point: 12045
Height (ft.): 47 Diameter (in.): 36
NYTMN (km.): 4739.494 NYTME (km.): 583.053 Building: RV14

Emission Point: 12046
Height (ft.): 60 Diameter (in.): 16
NYTMN (km.): 4739.499 NYTME (km.): 583.098 Building: RV14

Emission Point: 12047
Height (ft.): 60 Diameter (in.): 16
NYTMN (km.): 4739.494 NYTME (km.): 583.109 Building: RV14

Item 41.4:

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

Emission Unit: 1-14SL1

Emission Point: 12015
Height (ft.): 19 Length (in.): 16 Width (in.): 13
NYTMN (km.): 4739.511 NYTME (km.): 583.139 Building: RV14

Emission Point: 12018
Height (ft.): 44 Diameter (in.): 10
NYTMN (km.): 4739.531 NYTME (km.): 583.088 Building: RV14

Emission Point: 12019
Height (ft.): 45 Diameter (in.): 30
NYTMN (km.): 4739.529 NYTME (km.): 583.089 Building: RV14

Emission Point: 12020
Height (ft.): 40 Diameter (in.): 24
NYTMN (km.): 4739.521 NYTME (km.): 583.105 Building: RV14

Emission Point: 12035
Height (ft.): 17 Diameter (in.): 6



NYTMN (km.): 4739.517 NYTME (km.): 583.141 Building: RV14

Item 41.5:

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

Emission Unit: 1-33001

Emission Point: 12100
Height (ft.): 28 Diameter (in.): 4
NYTMN (km.): 4739.638 NYTME (km.): 583.82 Building: RV33

Emission Point: 12101
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4739.645 NYTME (km.): 582.824 Building: RV33

Emission Point: 12102
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4739.642 NYTME (km.): 582.822 Building: RV33

Emission Point: 12103
Height (ft.): 36 Diameter (in.): 3
NYTMN (km.): 4739.657 NYTME (km.): 582.831 Building: RV33

Emission Point: 12104
Height (ft.): 37 Diameter (in.): 4
NYTMN (km.): 4739.646 NYTME (km.): 582.835 Building: RV33

Emission Point: 12105
Height (ft.): 36 Diameter (in.): 4
NYTMN (km.): 4739.647 NYTME (km.): 582.819 Building: RV33

Emission Point: 12106
Height (ft.): 34 Diameter (in.): 4
NYTMN (km.): 4739.651 NYTME (km.): 582.835 Building: RV33

Emission Point: 12107
Height (ft.): 25 Length (in.): 14 Width (in.): 14
NYTMN (km.): 4739.651 NYTME (km.): 582.835 Building: RV33

Emission Point: 12108
Height (ft.): 27 Diameter (in.): 6
NYTMN (km.): 4739.653 NYTME (km.): 582.834 Building: RV33

Emission Point: 12109
Height (ft.): 28 Diameter (in.): 4
NYTMN (km.): 4739.644 NYTME (km.): 582.817 Building: RV33

Emission Point: 12110
Height (ft.): 28 Length (in.): 24 Width (in.): 20
NYTMN (km.): 4739.655 NYTME (km.): 582.822 Building: RV33

Emission Point: 12112

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Height (ft.): 23	Diameter (in.): 4	
NYTMN (km.): 4739.628	NYTME (km.): 582.82	Building: RV33
Emission Point: 12113		
Height (ft.): 27	Diameter (in.): 8	
NYTMN (km.): 4739.626	NYTME (km.): 582.83	Building: RV33
Emission Point: 12122		
Height (ft.): 31	Length (in.): 24	Width (in.): 20
NYTMN (km.): 4739.652	NYTME (km.): 582.821	Building: RV33
Emission Point: 12123		
Height (ft.): 27	Length (in.): 26	Width (in.): 20
NYTMN (km.): 4739.652	NYTME (km.): 582.834	Building: RV33
Emission Point: 12124		
Height (ft.): 37	Diameter (in.): 8	
NYTMN (km.): 4739.654	NYTME (km.): 582.838	Building: RV33
Emission Point: 12126		
Height (ft.): 4	Length (in.): 12	Width (in.): 12
NYTMN (km.): 4739.645	NYTME (km.): 582.836	Building: RV33
Emission Point: 12127		
Height (ft.): 4	Length (in.): 12	Width (in.): 12
NYTMN (km.): 4739.648	NYTME (km.): 582.837	Building: RV33
Emission Point: 12130		
Height (ft.): 32	Diameter (in.): 4	
NYTMN (km.): 4739.643	NYTME (km.): 582.816	Building: RV33
Emission Point: 12131		
Height (ft.): 40	Diameter (in.): 4	
NYTMN (km.): 4739.663	NYTME (km.): 582.826	Building: RV33
Emission Point: 12132		
Height (ft.): 18	Length (in.): 36	Width (in.): 24
NYTMN (km.): 4739.658	NYTME (km.): 582.839	Building: RV33
Emission Point: 12133		
Height (ft.): 56	Diameter (in.): 8	
NYTMN (km.): 4739.659	NYTME (km.): 582.841	Building: RV33
Emission Point: 12139		
Height (ft.): 25	Diameter (in.): 12	
NYTMN (km.): 4739.634	NYTME (km.): 582.793	Building: RV33
Emission Point: 12140		
Height (ft.): 31	Diameter (in.): 2	
NYTMN (km.): 4739.629	NYTME (km.): 582.821	Building: RV33
Emission Point: 12141		

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Height (ft.): 31	Diameter (in.): 2	
NYTMN (km.): 4739.625	NYTME (km.): 582.832	Building: RV33
Emission Point: 12142		
Height (ft.): 39	Diameter (in.): 2	
NYTMN (km.): 4739.683	NYTME (km.): 582.832	Building: RV33
Emission Point: 12143		
Height (ft.): 39	Diameter (in.): 2	
NYTMN (km.): 4739.685	NYTME (km.): 582.833	Building: RV33
Emission Point: 12144		
Height (ft.): 39	Diameter (in.): 2	
NYTMN (km.): 4739.687	NYTME (km.): 582.835	Building: RV33
Emission Point: 12145		
Height (ft.): 39	Diameter (in.): 2	
NYTMN (km.): 4739.69	NYTME (km.): 582.836	Building: RV33
Emission Point: 12146		
Height (ft.): 22	Diameter (in.): 2	
NYTMN (km.): 4739.626	NYTME (km.): 582.855	Building: RV33
Emission Point: 12147		
Height (ft.): 22	Diameter (in.): 2	
NYTMN (km.): 4739.626	NYTME (km.): 582.855	Building: RV33
Emission Point: 12148		
Height (ft.): 39	Diameter (in.): 18	
NYTMN (km.): 4739.692	NYTME (km.): 582.838	Building: RV33
Emission Point: 12149		
Height (ft.): 44	Diameter (in.): 8	
NYTMN (km.): 4739.68	NYTME (km.): 582.832	Building: RV33
Emission Point: 12150		
Height (ft.): 10	Diameter (in.): 20	
NYTMN (km.): 4739.642	NYTME (km.): 582.792	Building: RV33
Emission Point: 12151		
Height (ft.): 21	Diameter (in.): 8	
NYTMN (km.): 4739.679	NYTME (km.): 582.82	Building: RV33
Emission Point: 12152		
Height (ft.): 29	Length (in.): 50	Width (in.): 30
NYTMN (km.): 4739.65	NYTME (km.): 582.827	Building: RV33
Emission Point: 12153		
Height (ft.): 24	Length (in.): 50	Width (in.): 30
NYTMN (km.): 4739.657	NYTME (km.): 582.811	Building: RV33
Emission Point: 12154		

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Height (ft.): 22 Diameter (in.): 16
 NYTMN (km.): 4739.663 NYTME (km.): 582.842 Building: RV33

Emission Point: 12155
 Height (ft.): 25 Diameter (in.): 12
 NYTMN (km.): 4739.627 NYTME (km.): 582.824 Building: RV33

Emission Point: 12156
 Height (ft.): 27 Length (in.): 12 Width (in.): 9
 NYTMN (km.): 4739.645 NYTME (km.): 582.832 Building: RV33

Emission Point: 12157
 Height (ft.): 11 Length (in.): 36 Width (in.): 36
 NYTMN (km.): 4739.678 NYTME (km.): 582.819 Building: RV33

Emission Point: 12158
 Height (ft.): 5 Length (in.): 36 Width (in.): 36
 NYTMN (km.): 4739.662 NYTME (km.): 582.813 Building: RV33

Emission Point: 12159
 Height (ft.): 22 Diameter (in.): 2
 Building: RV33

Emission Point: 12160
 Height (ft.): 22 Diameter (in.): 2
 Building: RV33

Item 41.6:

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

Emission Unit: 1-42001

Emission Point: 12304
 Height (ft.): 14 Length (in.): 11 Width (in.): 7
 NYTMN (km.): 4739.549 NYTME (km.): 582.844 Building: RV42

**Condition 42: Process Definition By Emission Unit
Effective between the dates of 02/09/2010 and 02/08/2015**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 42.1:

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

Emission Unit: 1-14CC1
 Process: CC1 Source Classification Code: 4-02-999-95
 Process Description:
 Compliant coatings (Low Volatile Coatings <2.9 lb VOC/gal and non-HAP) used at the treaters in EU 1-14CC1 Kiss Coater and 1531 Hot Melt Treater, including the Small and Large Batch Ovens). Also see FB-2 for fuel burning associated with the ovens.



Emission Source/Control: 01531 - Process

Emission Source/Control: 0KISS - Process

Emission Source/Control: LOVEN - Process

Emission Source/Control: SOVEN - Process

Item 42.2:

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

Emission Unit: 1-14CC1

Process: FB2

Source Classification Code: 4-02-010-01

Process Description:

Natural Gas Burning associated with EU 1-14CC1 (Small and Large Batch Ovens).

Emission Source/Control: LOVEN - Process

Emission Source/Control: SOVEN - Process

Item 42.3:

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

Emission Unit: 1-14NC1

Process: CC2

Source Classification Code: 4-02-999-95

Process Description:

Compliant coatings (low volatile coatings, <2.9 lb VOC/gal and non-HAP) on the treaters in EU 1-14NC1 including the following processes: 1040 Treater, Laminator and Vertical Towers 1 & 2.

Emission Source/Control: 00LAM - Process

Emission Source/Control: 00VT1 - Process

Emission Source/Control: 00VT2 - Process

Emission Source/Control: 01040 - Process

Item 42.4:

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

Emission Unit: 1-14NC1

Process: FB1

Source Classification Code: 4-02-010-01

Process Description:

Natural gas fuel burning associated with EU 1-14NC1 (the four coating line ovens and the fuel used to maintain the temperature of the OX1 Thermal Oxidizer).

Emission Source/Control: 00OX1 - Control

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Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: 00LAM - Process

Emission Source/Control: 00VT1 - Process

Emission Source/Control: 00VT2 - Process

Emission Source/Control: 01040 - Process

Item 42.5:

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

Emission Unit: 1-14NC1

Process: NC1

Source Classification Code: 4-02-999-95

Process Description:

All 4 surface coating lines associated with EU 1-14NC1 are batch operations employing a wide variety of non-compliant coatings (>2.9 lb VOC/gal. and HAP volatiles). Process includes all VOCs in the coating systems and in any solvents used. Also see FB1 for fuel burning from this source.

Emission Source/Control: 00OX1 - Control

Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: 00LAM - Process

Emission Source/Control: 00VT1 - Process

Emission Source/Control: 00VT2 - Process

Emission Source/Control: 01040 - Process

Item 42.6:

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

Emission Unit: 1-14NC2

Process: BD1

Source Classification Code: 3-99-900-03

Process Description:

1196 A Treater Belt Drier is part of the process where sodium hydroxide solution is sprayed on the belt and hot air is used to dry the belt prior to its entry into the coating section of the treater.

Emission Source/Control: 01196 - Process

Item 42.7:

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

Emission Unit: 1-14NC2

Process: CC3

Source Classification Code: 4-02-999-95

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Process Description:

Compliant coatings (low volatile coatings <2.9 lb voc/gal consistent with NYCRR Part 228 and 1050 Treater waterborne coatings consistent with 40 CFR Subpart VVV) on the treaters in EU 1-14NC2 including the following processes:
1196 Treater, Reverse Roll Coater and 1050 Treater.

Emission Source/Control: 00RRC - Process

Emission Source/Control: 01050 - Process

Emission Source/Control: 01196 - Process

Item 42.8:

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

Emission Unit: 1-14NC2

Process: FB3

Source Classification Code: 4-02-010-01

Process Description:

Natural gas fuel burning associated with EU 1-14NC2 (the 1196 Treater ovens and the fuel used to maintain the temperature of the Thermal Oxidizer OX2).

Emission Source/Control: 00OX2 - Control

Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: 01196 - Process

Item 42.9:

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

Emission Unit: 1-14NC2

Process: NC2

Source Classification Code: 4-02-999-95

Process Description:

All surface coating lines associated with EU 1-14NC2 are batch operations employing a wide variety of non-compliant coatings (>2.9 lb VOC/gal and HAP volatiles). Process includes all VOCs in the coating systems and in any solvents used. Also see FB3 for fuel burning from this source.

Emission Source/Control: 00OX2 - Control

Control Type: DIRECT FLAME AFTERBURNER

Emission Source/Control: 00RRC - Process

Emission Source/Control: 01050 - Process

Emission Source/Control: 01196 - Process

Item 42.10:

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

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Emission Unit: 1-14SL1

Process: SLD

Source Classification Code: 3-99-999-99

Process Description:

Slitter Ventilation at slitter D picks up edge trimmings from master rolls containing mica dust lost by the processing of master roll to tape roll by slitting and packaging.

Emission Source/Control: 00BH3 - Control

Control Type: FABRIC FILTER

Emission Source/Control: SLITD - Process

Item 42.11:

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

Emission Unit: 1-14SL1

Process: SLV

Source Classification Code: 3-99-999-99

Process Description:

Slitter Ventilation picks up trace amounts of volatiles lost by the processing of master roll to tape roll by slitting and packaging.

Emission Source/Control: CONWB - Process

Emission Source/Control: OODR1 - Process

Emission Source/Control: SLITA - Process

Emission Source/Control: SLITB - Process

Emission Source/Control: SLITC - Process

Emission Source/Control: SLITD - Process

Item 42.12:

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

Emission Unit: 1-33001

Process: 33A

Source Classification Code: 3-99-999-99

Process Description:

Reactor and mixing processes located in building RV33 used primarily for the manufacture and formulation of resins and varnishes.

Emission Source/Control: 000FP - Process

Emission Source/Control: 000M9 - Process

Emission Source/Control: 000R4 - Process

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Emission Source/Control: 00B11 - Process

Emission Source/Control: 00B12 - Process

Emission Source/Control: 00BT1 - Process

Emission Source/Control: 00BT2 - Process

Emission Source/Control: 00BT3 - Process

Emission Source/Control: 00BT4 - Process

Emission Source/Control: 00BT5 - Process

Emission Source/Control: 00BT6 - Process

Emission Source/Control: 00BT7 - Process

Emission Source/Control: 00BT8 - Process

Emission Source/Control: 00LAP - Process

Emission Source/Control: 00M21 - Process

Emission Source/Control: 00TWL - Process

Emission Source/Control: 00UVI - Process

Emission Source/Control: 02000 - Process

Emission Source/Control: 03700 - Process

Emission Source/Control: 05000 - Process

Emission Source/Control: 0COWL - Process

Emission Source/Control: 0HOCK - Process

Emission Source/Control: 0LTR1 - Process

Emission Source/Control: 0LTR2 - Process

Emission Source/Control: 0LTR3 - Process

Emission Source/Control: CHANG - Process

Emission Source/Control: DOUGH - Process

Emission Source/Control: WHITE - Process

Item 42.13:

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



Emission Unit: 1-42001
Process: DRM Source Classification Code: 3-99-999-99
Process Description:
Volatiles lost during the compacting of drums of scrap material prior to shipment offsite.

Emission Source/Control: 00DRM - Process

Condition 43: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

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

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

To demonstrate compliance with 40 CFR 63 JJJJ, and 6 NYCRR 228 the facility must achieve required efficiency's indicated in 40 CFR 63 JJJJ.

Once per term of permit the facility shall perform a stack test on each oxidizer. Stack test shall be performed following procedures detailed in 6 NYCRR 202. Stack test shall demonstrate compliance and follow methods indicated in 40 CFR 63.3370(k) JJJJ.

Temperature limits that the facility must operate at will be based on most recently approved stack test results.

Upper Permit Limit: 98 percent reduction

Reference Test Method: As required in JJJJ

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 44: Solids as applied
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.3 (c)



Item 44.1:

This Condition applies to Emission Unit: 1-14NC1

Item 44.2:

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)_c 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)_a is the VOC content of an as applied coating, expressed as pounds of VOC per gallon of coating minus water and excluded VOC

(Vn)_c 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:

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

(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:

$$(Vv)_c = \frac{(VOC)_c}{d_{voc}} \quad \text{Equation 4}$$

(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:

$$(Vv)_a = \frac{(VOC)_a}{d_{voc}} \quad \text{Equation 6}$$



dVOC

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 45: Demonstration of efficiency other than VOC/solvent recovery
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.5 (e) (2)

Item 45.1:

This Condition applies to Emission Unit: 1-14NC1

Item 45.2:

When a coating line utilizes control equipment to comply with the provisions of Part 228, test methods acceptable to the department must be used when to determine the overall removal efficiency. For control equipment other than VOC/solvent recovery, this determination must include provisions to determine both the efficiency of the capture system and the control equipment.

Condition 46: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 228.5 (f)

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

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

Item 46.2:

Compliance Certification 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.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 47: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3320(b)(1), Subpart JJJJ

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

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

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility must limit organic HAP emissions to the level no more than 5 percent of the organic HAP applied for each month (95 percent reduction) at existing affected sources, and no more than 2 percent of the organic HAP applied for each month (98 percent reduction) at new affected sources. This condition shall be satisfied by operating within the temperature limit from the most recently approved stack test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 48: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3350(c)(2), Subpart JJJJ

Item 48.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Emission Unit: 1-14NC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 48.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Following the date on which the initial performance test of a control device is completed to demonstrate continuing compliance with the standards, the facility must monitor and inspect each capture system and each control device used to comply with §63.3320.

If the facility owns or operates web coating lines with intermittently-controlled work stations, the facility must monitor bypasses of the control device and the mass of each coating material applied at the work station during any such bypass. If using a control device for complying with the requirements of Subpart JJJJ, the facility must demonstrate that any coating material applied on a never-controlled work station or an intermittently-controlled work station operated in bypass mode is allowed in the compliance demonstration according to §63.3370(n) and (o).

If the facility chooses to monitor the bypass lines by using a car-seal or lock-and-key valve closure option, the facility must secure any bypass line valve in the closed position and visually inspect the seal or closure mechanism at least once every month to ensure that the valve or damper is maintained in the closed position, and the exhaust stream is not diverted through the bypass line.

Parameter Monitored: VALVE POSITION (% OPEN)

Lower Permit Limit: 0 percent

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 49: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3350(f), Subpart JJJJ



Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Regulated Contaminant(s):

CAS No: ONY100-00-0 HAP

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is complying with the emission limits in §63.3320 through the use of a capture system and control device for one or more coating lines, the facility must develop a site-specific monitoring plan containing the following information for these capture systems:

- 1) The monitoring plan must identify the operating parameter to be monitored to ensure that the capture efficiency determined during the initial compliance test is maintained.
- 2) The monitoring plan must explain why this parameter is appropriate for demonstrating ongoing compliance.
- 3) The monitoring plan must identify the specific monitoring procedures
- 4) The monitoring plan must specify the operating parameter value or range of values that demonstrate compliance with the emission standards in §63.3320. The specified operating parameter value or range of values must represent the conditions present when the capture system is being properly operated and maintained.

The facility must monitor the capture system in accordance with the site-specific monitoring plan. Any deviation from the operating parameter value or range of values will be considered a deviation from the emission limit. The facility must review and update the capture system monitoring plan at least annually and make the plan available for inspection by the NYSDEC upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 50: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015



Applicable Federal Requirement:40CFR 63.3370(k), Subpart JJJJ

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If an oxidizer is used to control emissions, compliance must be shown by following the procedures in §63.3370(k)(1). Use the applicable equations specified in §63.3370(k)(2) to convert the monitoring and other data into units of the selected compliance option in §63.3370(e)-(h). Compliance is determined in accordance with §63.3370(k)(3).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 51: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3370(n), Subpart JJJJ

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility operates more than one capture system, more than one control device, one or more never-controlled work stations, or one or more intermittently-controlled work stations, the facility must calculate organic HAP emissions according to the procedures in §63.3370(n)(1) through (4). The facility must then convert the emissions for the month into the units of the selected compliance option in §63.3320 using the calculation procedures in §63.3370(n)(5)(i)-(iv).

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Compliance is demonstrated for the month if all operating parameters required to be monitored under §63.3370(n)(1)-(3) were maintained at the values established in §63.3350 and §63.3360 and the applicable condition in §63.3370(n)(6)(i)-(iv) were met.

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 52: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3360(c), Subpart JJJJ

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: CC2

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliant coatings will be non-HAP volatiles w/o organic HAP determined to be present at greater than 0.1% for carcinogens and 1.0% for non-carcinogens. Evaluate prior to use. Maintain records of organic HAP content of compliant coatings.

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 59: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3360(f), Subpart JJJJ

Item 59.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Emission Unit: 1-14NC1
Process: NC1

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

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is demonstrating compliance by meeting the requirements in § 63.3370(e), (f), (g), (h), (i)(2), (k), (n)(2), or (3), or (p), the facility must determine capture efficiency using the following procedures:

- 1) The facility may assume the capture efficiency equals 100% if the capture system is a permanent total enclosure (PTE). The facility must confirm that the capture system is a PTE by demonstrating that it meets the requirements of section 6 of EPA Method 204 of 40CFR51, appendix M, and that all exhaust gases from the enclosure are delivered to a control device.
- 2) The facility may determine capture efficiency according to the protocols for testing with temporary total enclosures that are specified in Methods 204 and 204A-F of 40CFR51, appendix M. The facility may exclude never-controlled work stations from such capture efficiency determinations.
- 3) The facility may use any capture efficiency protocol and test methods that satisfy the criteria of either the Data Quality Objective or the Lower Confidence Limit approach as described in appendix A of subpart KK of Part 63. The facility may exclude never-controlled work stations from such capture efficiency determinations.

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 53: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

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

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Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Emission Source: 00OX1

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 53.2:

Compliance Certification 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: 1619 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-hour average

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 54: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3350(e), Subpart JJJJ

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Emission Source: 00OX1

Item 54.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

(1) Each CPMS must complete a minimum of one cycle of operation for each successive 15-minute period. There must be a minimum of four equally spaced successive cycles of CPMS operation to have a valid hour of data.

(2) There must be valid data from at least 90 percent of the hours during which the process operated.

(3) Facility must determine the hourly average of all recorded readings according to paragraphs (3)(i) and (ii) below.



(i) To calculate a valid hourly value, there must be at least three of four equally spaced data values from that hour from a continuous monitoring system (CMS) that is not out-of-control.

(ii) Provided all of the readings recorded in accordance with paragraph (3) clearly demonstrate continuous compliance with the standard that applies to the facility, then the facility is not required to determine the hourly average of all recorded readings.

(4) Facility must determine the rolling 3-hour average of all recorded readings for each operating period. To calculate the average for each 3-hour averaging period, there must be at least two of three of the hourly averages for that period using only average values that are based on valid data (i.e., not from out-of-control periods).

(5) Facility must record the results of each inspection, calibration, and validation check of the CPMS.

(6) At all times, facility must maintain the monitoring system in proper working order including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

(7) Except for monitoring malfunctions, associated repairs, or required quality assurance or control activities (including calibration checks or required zero and span adjustments), facility must conduct all monitoring at all times that the unit is operating. Data recorded during monitoring malfunctions, associated repairs, out-of-control periods, or required quality assurance or control activities shall not be used for purposes of calculating the emissions concentrations and percent reductions specified in § 63.3370. Facility must use all the valid data collected during all other periods in assessing compliance of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring system to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(8) Any averaging period for which there is no valid monitoring data and such data are required constitutes a deviation, and the facility must notify the Administrator in accordance with § 63.3400(c).

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1619 degrees Fahrenheit

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 7/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 55: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3350(e), Subpart JJJJ

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Emission Source: 00OX1

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Install, calibrate, maintain , and operate temperature monitoring equipment according to manufacturer's specifications. Verify calibration every three months. Continuous recorder must have an accuracy of +/- 1 degree celcius.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 56: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3350(e), Subpart JJJJ

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Emission Source: 00OX1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 56.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

If the facility is using a non-catalytic oxidizer to comply with the emission limits in §63.3320, the facility must install, calibrate, maintain, and operate temperature monitoring equipment according to the manufacturer's



specifications. The calibration of the chart recorder, data logger, or temperature indicator must be verified every 3 months or the chart records, data logger, or temperature indicator must be replaced. The facility must replace the equipment whether the facility chooses not to perform the calibration or the equipment cannot be calibrated properly.

The facility must install, calibrate, operate, and maintain a temperature monitoring device equipped with a continuous recorder. The device must have an accuracy of +/-1% of the temperature being monitored in degrees Celsius, or +/-1 degree Celsius, whichever is greater. The thermocouple or temperature sensor must be installed in the combustion chamber at a location in the combustion zone.

The continuous temperature monitoring system must meet the requirements in §63.3350(e)(1)-(8).

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 1619 degrees Centigrade (or Celsius)

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 57: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3360(c), Subpart JJJJ

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Emission Source: 00OX1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility determines compliance with the emission limits in §63.3320 by means other than determining control efficiency of a control device, the facility must



determine the organic HAP mass fraction of each coating material "as-purchased" by one of the following procedures:

- 1) The facility may test the coating material in accordance with Method 311 of appendix A of 40CFR63. This determination may be done by the manufacturer of the coating material and the results provided to the owner/operator. The organic HAP content must be calculated according to the procedures and criteria in §63.3360(c)(1)(i)-(iii).
- 2) For coatings, the facility may determine the volatile organic content as mass fraction of nonaqueous volatile matter and use it as a substitute for organic HAP using Method 24 of 40CFR60, appendix A. This determination may be performed by the manufacturer of the coating and the results provided to the affected source.
- 3) The facility may use formulation data to determine the organic HAP mass fraction of a coating material. Formulation data may be provided to the owner/operator by the manufacturer of the material.

The facility must also determine the organic HAP mass fraction of each coating material "as-applied" by assuming the as-applied organic HAP mass fraction is equal to the as-purchased organic HAP mass fraction if the as-purchased coating is applied to the web without adding solvents or other materials. Otherwise, the as-applied organic HAP mass fraction must be calculated using Equation 1A of §63.3370.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 58: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3360(e), Subpart JJJJ

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Emission Source: 00OX1

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



CAS No: 0NY100-00-0 HAP

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is using an add-on control device other than solvent recovery, such as an oxidizer, to comply with the emission standards in §63.3320, the facility must conduct a performance test to establish the destruction or removal efficiency of the control device according to the methods and procedures in §63.3360(e)(1) and (2).

If the facility is using one or more add-on control devices other than a solvent recovery system for which the facility conducts a liquid-liquid material balance to comply with the emission standards in §63.3320, the facility must establish the applicable operating limits required by §63.3321 during the performance test. These operating limits apply to each add-on control device.

For a thermal oxidizer, the facility must establish the operating limits according to the provisions listed in §63.3360(e)(3)(i).

For a catalytic oxidizer, the facility must establish the operating limits according to the provisions listed in §63.3360(e)(3)(ii).

Reference Test Method: see description

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 60: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3400(d), Subpart JJJJ

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Emission Source: 00OX1

New York State Department of Environmental Conservation

Permit ID: 4-4228-00076/00117

Facility DEC ID: 4422800076



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

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit a Notification of Performance Tests as specified in §63.7 and §63.9(e) if the facility is required to conduct a performance test according to Subpart JJJJ. This notification and the site-specific test plan required under §63.7(c)(2) must identify the operating parameters to be monitored to ensure that the capture efficiency of the capture system and the control efficiency of the control device determined during the performance test are maintained. Unless EPA objects to the parameter or requests changes, the facility may consider the parameters approved.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 61: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3400(f), Subpart JJJJ

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1
Process: NC1 Emission Source: 00OX1

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

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit performance test reports as specified in §63.10(d)(2) if the facility is using a control device to comply with the emission standard and the facility has not obtained a waiver from the performance test requirement or the facility is not exempted from this requirement by §63.3360(b). The performance test reports must be submitted as part of the notification of compliance status required in §63.3400(e).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 62: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement: 40CFR 63.3410, Subpart JJJJ

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC1

Process: NC1

Emission Source: 00OX1

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of an affected source must maintain the following records on a monthly basis for at least five years after each occurrence that requires recordkeeping. The latest two years must be kept on site and readily available, and the remaining 3 years may be kept off-site or on computer or other means as specified in §63.10(b)(1):

- The records specified in §63.10(b)(2) of all measurements needed to demonstrate compliance with Subpart JJJJ, including continuous emission monitor data in accordance with §63.3350(d)
- control device and capture system operating parameter data in accordance with §63.3350(c), (e), and (f)
- organic HAP content data for the purpose of demonstrating compliance in accordance with §63.3360(c)
- volatile matter and coating solids content data for the purpose of demonstrating compliance with §63.3360(d)
- overall control efficiency determination using capture efficiency and control device destruction or removal efficiency test results in accordance with §63.3360(e) and (f)
- material usage, organic HAP usage, volatile matter usage, and coating solids usage and compliance demonstrations using these data in accordance with §63.3370(b), (c), and (d)
- records specified in §63.10(c) for each continuous monitoring system operated by the owner/operator in accordance with §63.3350(b)
- records of all liquid-liquid material balances performed in accordance with §63.3370.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 63: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

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

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

To demonstrate compliance with 40 CFR 63 JJJJ, and 6 NYCRR 228 the facility must achieve required efficiency's indicated in 40 CFR 63 JJJJ.

Once per term of permit the facility shall perform a stack test on each oxidizer. Stack test shall be performed following procedures detailed in 6 NYCRR 202. Stack test shall demonstrate compliance and follow methods indicated in 40 CFR 63.3370(k) JJJJ.

Temperature limits that the facility must operate at will be based on most recently approved stack test results.

Upper Permit Limit: 95 percent reduction

Reference Test Method: as required in JJJJ

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 64: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 64.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-14NC2

Item 64.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

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

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

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

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 grains per dscf
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 65: Solids as applied
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement: 6 NYCRR 228.3 (c)

Item 65.1:

This Condition applies to Emission Unit: 1-14NC2

Item 65.2:

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)_c 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)_a is the VOC content of an as applied coating, expressed as pounds of VOC per gallon of coating minus water and excluded VOC

(Vn)_c 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:

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

(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 66: Demonstration of efficiency other than VOC/solvent recovery
Effective between the dates of 02/09/2010 and 02/08/2015
Applicable Federal Requirement:6 NYCRR 228.5 (e) (2)

Item 66.1:
This Condition applies to Emission Unit: 1-14NC2

Item 66.2:
When a coating line utilizes control equipment to comply with the provisions of Part 228, test methods acceptable to the department must be used when to determine the overall removal efficiency. For control equipment other than VOC/solvent recovery, this determination must include provisions to determine both the efficiency of the capture system and the control equipment.

Condition 67: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015
Applicable Federal Requirement:6 NYCRR 228.5 (f)

Item 67.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

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

Item 67.2:
Compliance Certification 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

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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 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.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 68: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3320(b)(1), Subpart JJJJ

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

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

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility must limit organic HAP emissions to the level no more than 5 percent of the organic HAP applied for each month (95 percent reduction) at existing affected sources, and no more than 2 percent of the organic HAP applied for each month (98 percent reduction) at new affected sources. This condition shall be satisfied by operating within the temperature limit from the most recently approved stack test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 69: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015



Applicable Federal Requirement: 40CFR 63.3350(c)(2), Subpart JJJJ

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 69.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Following the date on which the initial performance test of a control device is completed to demonstrate continuing compliance with the standards, the facility must monitor and inspect each capture system and each control device used to comply with §63.3320.

If the facility owns or operates web coating lines with intermittently-controlled work stations, the facility must monitor bypasses of the control device and the mass of each coating material applied at the work station during any such bypass. If using a control device for complying with the requirements of Subpart JJJJ, the facility must demonstrate that any coating material applied on a never-controlled work station or an intermittently-controlled work station operated in bypass mode is allowed in the compliance demonstration according to §63.3370(n) and (o).

If the facility chooses to monitor the bypass lines by using a car-seal or lock-and-key valve closure option, the facility must secure any bypass line valve in the closed position and visually inspect the seal or closure mechanism at least once every month to ensure that the valve or damper is maintained in the closed position, and the exhaust stream is not diverted through the bypass line.

Parameter Monitored: VALVE POSITION (% OPEN)

Lower Permit Limit: 0 percent

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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



Condition 70: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement: 40CFR 63.3350(f), Subpart JJJJ

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

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

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is complying with the emission limits in §63.3320 through the use of a capture system and control device for one or more coating lines, the facility must develop a site-specific monitoring plan containing the following information for these capture systems:

- 1) The monitoring plan must identify the operating parameter to be monitored to ensure that the capture efficiency determined during the initial compliance test is maintained.
- 2) The monitoring plan must explain why this parameter is appropriate for demonstrating ongoing compliance.
- 3) The monitoring plan must identify the specific monitoring procedures
- 4) The monitoring plan must specify the operating parameter value or range of values that demonstrate compliance with the emission standards in §63.3320. The specified operating parameter value or range of values must represent the conditions present when the capture system is being properly operated and maintained.

The facility must monitor the capture system in accordance with the site-specific monitoring plan. Any deviation from the operating parameter value or range of values will be considered a deviation from the emission limit. The facility must review and update the capture system monitoring plan at least annually and make the plan available for inspection by the NYSDEC upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 7/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 71: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3370(k), Subpart JJJJ

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

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

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If an oxidizer is used to control emissions, compliance must be shown by following the procedures in §63.3370(k)(1). Use the applicable equations specified in §63.3370(k)(2) to convert the monitoring and other data into units of the selected compliance option in §63.3370(e)-(h). Compliance is determined in accordance with §63.3370(k)(3).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 72: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3370(n), Subpart JJJJ

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

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

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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If the facility operates more than one capture system, more than one control device, one or more never-controlled work stations, or one or more intermittently-controlled work stations, the facility must calculate organic HAP emissions according to the procedures in §63.3370(n)(1) through (4). The facility must then convert the emissions for the month into the units of the selected compliance option in §63.3320 using the calculation procedures in §63.3370(n)(5)(i)-(iv).

Compliance is demonstrated for the month if all operating parameters required to be monitored under §63.3370(n)(1)-(3) were maintained at the values established in §63.3350 and §63.3360 and the applicable condition in §63.3370(n)(6)(i)-(iv) were met.

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 73: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3360(c), Subpart JJJJ

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: CC3

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliant coatings will be non-HAP volatiles w/o organic HAP determined to be present at greater than 0.1% for carcinogens and 1.0% for non-carcinogens. Evaluate prior to use. Maintain records of organic HAP content of compliant coatings.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

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TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 94: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement: 40CFR 63.3360(f), Subpart JJJJ

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2

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

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is demonstrating compliance by meeting the requirements in § 63.3370(e), (f), (g), (h), (i)(2), (k), (n)(2), or (3), or (p), the facility must determine capture efficiency using the following procedures:

1) The facility may assume the capture efficiency equals 100% if the capture system is a permanent total enclosure (PTE). The facility must confirm that the capture system is a PTE by demonstrating that it meets the requirements of section 6 of EPA Method 204 of 40CFR51, appendix M, and that all exhaust gases from the enclosure are delivered to a control device.

2) The facility may determine capture efficiency according to the protocols for testing with temporary total enclosures that are specified in Methods 204 and 204A-F of 40CFR51, appendix M. The facility may exclude never-controlled work stations from such capture efficiency determinations.

3) The facility may use any capture efficiency protocol and test methods that satisfy the criteria of either the Data Quality Objective or the Lower Confidence Limit approach as described in appendix A of subpart KK of Part 63. The facility may exclude never-controlled work stations from such capture efficiency determinations.

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 74: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 00OX2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 74.2:

Compliance Certification 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: 1603 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 89: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3350(e), Subpart JJJJ

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 00OX2

Item 89.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:



(1) Each CPMS must complete a minimum of one cycle of operation for each successive 15-minute period. There must be a minimum of four equally spaced successive cycles of CPMS operation to have a valid hour of data.

(2) There must be valid data from at least 90 percent of the hours during which the process operated.

(3) Facility must determine the hourly average of all recorded readings according to paragraphs (3)(i) and (ii) below.

(i) To calculate a valid hourly value, there must be at least three of four equally spaced data values from that hour from a continuous monitoring system (CMS) that is not out-of-control.

(ii) Provided all of the readings recorded in accordance with paragraph (3) clearly demonstrate continuous compliance with the standard that applies to the facility, then the facility is not required to determine the hourly average of all recorded readings.

(4) Facility must determine the rolling 3-hour average of all recorded readings for each operating period. To calculate the average for each 3-hour averaging period, there must be at least two of three of the hourly averages for that period using only average values that are based on valid data (i.e., not from out-of-control periods).

(5) Facility must record the results of each inspection, calibration, and validation check of the CPMS.

(6) At all times, facility must maintain the monitoring system in proper working order including, but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

(7) Except for monitoring malfunctions, associated repairs, or required quality assurance or control activities (including calibration checks or required zero and span adjustments), facility must conduct all monitoring at all times that the unit is operating. Data recorded during monitoring malfunctions, associated repairs, out-of-control periods, or required quality assurance or control activities shall not be used for purposes of calculating the emissions concentrations and percent reductions specified in § 63.3370. Facility must use all the valid data collected during all other periods in assessing compliance of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring system to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(8) Any averaging period for which there is no valid monitoring data and such data are required constitutes a deviation, and the facility must notify the Administrator in accordance with § 63.3400(c).

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Compliance Certification shall include the following monitoring:

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

Monitoring Description:

If the facility is using a non-catalytic oxidizer to comply with the emission limits in §63.3320, the facility must install, calibrate, maintain, and operate temperature monitoring equipment according to the manufacturer's specifications. The calibration of the chart recorder, data logger, or temperature indicator must be verified every 3 months or the chart records, data logger, or temperature indicator must be replaced. The facility must replace the equipment whether the facility chooses not to perform the calibration or the equipment cannot be calibrated properly.

The facility must install, calibrate, operate, and maintain a temperature monitoring device equipped with a continuous recorder. The device must have an accuracy of +/-1% of the temperature being monitored in degrees Celsius, or +/-1 degree Celsius, whichever is greater. The thermocouple or temperature sensor must be installed in the combustion chamber at a location in the combustion zone.

The continuous temperature monitoring system must meet the requirements in §63.3350(e)(1)-(8).

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1603 degrees Centigrade (or Celsius)

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 92: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3360(c), Subpart JJJJ

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 00OX2

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP



Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility determines compliance with the emission limits in §63.3320 by means other than determining control efficiency of a control device, the facility must determine the organic HAP mass fraction of each coating material "as-purchased" by one of the following procedures:

- 1) The facility may test the coating material in accordance with Method 311 of appendix A of 40CFR63. This determination may be done by the manufacturer of the coating material and the results provided to the owner/operator. The organic HAP content must be calculated according to the procedures and criteria in §63.3360(c)(1)(i)-(iii).
- 2) For coatings, the facility may determine the volatile organic content as mass fraction of nonaqueous volatile matter and use it as a substitute for organic HAP using Method 24 of 40CFR60, appendix A. This determination may be performed by the manufacturer of the coating and the results provided to the affected source.
- 3) The facility may use formulation data to determine the organic HAP mass fraction of a coating material. Formulation data may be provided to the owner/operator by the manufacturer of the material.

The facility must also determine the organic HAP mass fraction of each coating material "as-applied" by assuming the as-applied organic HAP mass fraction is equal to the as-purchased organic HAP mass fraction if the as-purchased coating is applied to the web without adding solvents or other materials. Otherwise, the as-applied organic HAP mass fraction must be calculated using Equation 1A of §63.3370.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 93: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015



Applicable Federal Requirement: 40CFR 63.3360(e), Subpart JJJJ

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 00OX2

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility is using an add-on control device other than solvent recovery, such as an oxidizer, to comply with the emission standards in §63.3320, the facility must conduct a performance test to establish the destruction or removal efficiency of the control device according to the methods and procedures in §63.3360(e)(1) and (2).

If the facility is using one or more add-on control devices other than a solvent recovery system for which the facility conducts a liquid-liquid material balance to comply with the emission standards in §63.3320, the facility must establish the applicable operating limits required by §63.3321 during the performance test. These operating limits apply to each add-on control device.

For a thermal oxidizer, the facility must establish the operating limits according to the provisions listed in §63.3360(e)(3)(i).

For a catalytic oxidizer, the facility must establish the operating limits according to the provisions listed in §63.3360(e)(3)(ii).

Reference Test Method: see description

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 95: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015



Applicable Federal Requirement:40CFR 63.3400(d), Subpart JJJJ

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2 Emission Source: 00OX2

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

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility must submit a Notification of Performance Tests as specified in §63.7 and §63.9(e) if the facility is required to conduct a performance test according to Subpart JJJJ. This notification and the site-specific test plan required under §63.7(c)(2) must identify the operating parameters to be monitored to ensure that the capture efficiency of the capture system and the control efficiency of the control device determined during the performance test are maintained. Unless EPA objects to the parameter or requests changes, the facility may consider the parameters approved.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 96: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3400(f), Subpart JJJJ

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2 Emission Source: 00OX2

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

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility must submit performance test reports as specified in §63.10(d)(2) if the facility is using a



control device to comply with the emission standard and the facility has not obtained a waiver from the performance test requirement or the facility is not exempted from this requirement by §63.3360(b). The performance test reports must be submitted as part of the notification of compliance status required in §63.3400(e).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 97: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 63.3410, Subpart JJJJ

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 00OX2

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of an affected source must maintain the following records on a monthly basis for at least five years after each occurrence that requires recordkeeping. The latest two years must be kept on site and readily available, and the remaining 3 years may be kept off-site or on computer or other means as specified in §63.10(b)(1):

- The records specified in §63.10(b)(2) of all measurements needed to demonstrate compliance with Subpart JJJJ, including continuous emission monitor data in accordance with §63.3350(d)
- control device and capture system operating parameter data in accordance with §63.3350(c),(e), and (f)
- organic HAP content data for the purpose of demonstrating compliance in accordance with §63.3360(c)
- volatile matter and coating solids content data for the purpose of demonstrating compliance with §63.3360(d)
- overall control efficiency determination using capture efficiency and control device destruction or removal efficiency test results in accordance with §63.3360(e) and (f)
- material usage, organic HAP usage, volatile matter

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usage, and coating solids usage and compliance demonstrations using these data in accordance with §63.3370(b), (c), and (d)
- records specified in §63.10(c) for each continuous monitoring system operated by the owner/operator in accordance with §63.3350(b)
- records of all liquid-liquid material balances performed in accordance with §63.3370.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 75: Applicability of General Provisions of 40 CFR 60 Subpart A Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 75.1:

This Condition applies to Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Item 75.2:

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 76: Compliance Certification Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected facility that is subject to the requirements of this subpart shall comply

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with the emissions limitations set forth in this section on or after the date on which the initial performance test required by 40CFR Part 60.8 is completed, but not later than 60 days after achieving the maximum production rate at which the affected facility will be operated or 180 days after initial startup, whichever comes first

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 77: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 60.742(b)(2), NSPS Subpart

VVV

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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).

Records need to be maintained on site for the most recent two year period in a format acceptable to the Department, that verify the total enclosure is operating accordingly.

The facility shall also maintain records demonstrating compliance with 60.743(b).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 78: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 60.742(c)(1), NSPS Subpart

VVV

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Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

40CFR Part 60.742(c)(1)

The owner or operator of this facility, for this process, shall install, operate and maintain a cover on each piece of affected coating mix preparation equipment and vent all VOC emissions from the covered mix equipment to a 95 percent efficient control device while preparation of the coating is taking place within the covered mix equipment.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 79: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 60.743(c), NSPS Subpart VVV

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

40 CFR Part 60.743(c)

To demonstrate compliance with 40 CFR Part 60.742(c)(1) (Standard for coating mix preparation equipment servicing a coating operation with concurrent construction of a control device that uses at least 130 Mg per year of VOC), each owner or operator of affected coating mix preparation



equipment shall demonstrate that:

(1) Covers meeting the following specifications have been installed and are being used properly:

(i) Cover shall be closed at all times except when adding ingredients, withdrawing samples, transferring the contents, or making visual inspection when such activities cannot be carried out with cover in place. Such activities shall be carried out through ports of minimum practical size;

(ii) Cover shall extend at least 2 centimeters beyond the outer rim of the opening or shall be attached to the rim;

(iii) Cover shall be of such design and construction that contact is maintained between the cover and rim along the entire perimeter;

(iv) Any breach in the cover (such as a slit for insertion of a mixer shaft or port for addition of ingredients) shall be covered consistent with paragraph (c)(1)(i),(ii), and (iii) of this section when not in use. An opening sufficient to allow safe clearance for a mixer shaft is acceptable during those periods when the shaft is in place; and

(v) A polyethylene or nonpermanent cover may be used provided it meets the requirements of paragraphs (c)(1)(ii),(iii), and (iv) of this section. Such a cover shall not be reused after once being removed.

(2) Procedures detailing the proper use of covers, as specified in paragraph (c)(1)(i) of this section, have been posted in all areas where affected coatings mix preparation equipment is used;

(3) The coating mix preparation equipment is vented to a control device while preparation of the coating is taking place within the vessel; and

(4) The control device efficiency (E or H-sys, as applicable) determined using Equations (1) or Equations (3) and (4), respectively, and the test methods and procedures specified in 40 CFR Part 60.745 (b) through (g) is equal to or greater than 0.095.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 80: Compliance Certification



Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement: 40CFR 60.744, NSPS Subpart VVV

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (a) Each owner or operator of an affected facility shall install and calibrate all monitoring devices required under the provisions of this section according to the manufacturer's specifications, prior to the initial performance test in locations such that representative values of the monitored parameters will be obtained. The parameters to be monitored shall be continuously measured and recorded during each performance test.
- (e) Each owner or operator of an affected facility controlled by a thermal oxidizer and demonstrating compliance by the test methods described in 60.743 (a)(1), (2), (b), or (c) (which include control device efficiency determinations) shall install, calibrate, maintain, and operate, according to the manufacturer's specifications, a monitoring device that continuously indicates and records the combustion temperature of the incinerator. The monitoring device shall have an accuracy of plus or minus one percent of the temperature being measured in Celsius degrees.
- (h) Each owner or operator of an affected facility who demonstrates compliance as described in 60.743(b) shall follow the procedures described in paragraph (g) of this section to establish a monitoring system for the total enclosure.
- (i) Each owner or operator of an affected facility shall record time periods of mixing or coating operations when the emission control device is malfunctioning or not in use.
- (j) Each owner or operator of an affected facility shall record time periods of mixing or coating operations when each monitoring device is malfunctioning or not in use.

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(k) Records of the measurements and calculations required in 60.743 and 60.744 must be retained for at least 2 years following the date of the measurements and calculations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 81: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 81.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each owner or operator of an affected facility controlled by a thermal incinerator and demonstrating compliance by the test methods described in 60.743 (a)(1), (2), (b), or (c) (which include control device efficiency determinations) shall install, calibrate, maintain, and operate, according to the manufacturer's specifications, a monitoring device that continuously indicates and records the combustion temperature of the incinerator. The monitoring device shall have an accuracy of plus or minus one percent of the temperature being measured in Celsius degrees.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 873 degrees Centigrade (or Celsius)

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-hour average

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

Subsequent reports are due every 3 calendar month(s).

Condition 82: Compliance Certification

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Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected facility who demonstrates compliance as described in 60.743(b) shall follow the procedures described below to establish a monitoring system for the total enclosure.

Each owner or operator of an affected facility who demonstrates compliance by the test methods described in §60.743(a)(1) or (2) (which include vapor capture system efficiency determinations) or §60.743(a)(4) (short-term liquid material balance) shall submit a monitoring plan for the vapor capture system to the Administrator for approval with the notification of anticipated startup required under §60.7(a)(2) of the General Provisions. This plan shall identify the parameter to be monitored as an indicator of vapor capture system performance (e.g., the amperage to the exhaust fans or duct flow rates) and the method for monitoring the chosen parameter. The owner or operator shall install, calibrate, maintain, and operate, according to the manufacturer's specifications, a monitoring device that continuously indicates and records the value of the chosen parameter.

Reference Test Method: Method 204

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2010.

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

Condition 83: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015



Applicable Federal Requirement:40CFR 60.745(a), NSPS Subpart VVV

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2 Emission Source: 01050

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

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Method 24 is used to determine the VOC content in coatings. If it is demonstrated to the satisfaction of the administrator that coating formulation data are equivalent to Method 24 results, formulation data may be used. In the event of any inconsistency between a Method 24 test and a facility's formulation data, the Method 24 test will govern. For Method 24, the coating sample must be a 1-liter sample collected in a 1-liter container at a point in the process where the sample will be representative of the coating applied to the substrate(i.e., the sample shall include any dilution solvent or other VOC added during the manufacturing process). The container must be tightly sealed immediately after the sample is collected. Any solvent or other VOC added after the sample is taken must be measured and accounted for in the calculations that use Method 24 results.

Reference Test Method: METH 24/EQUIVALENT

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 84: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 60.745(b), NSPS Subpart VVV

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2
Process: NC2 Emission Source: 01050

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



Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Method 25 shall be used to determine VOC concentrations from incinerator gas streams. Alternative Methods (18 or 25A), may be used as explained in the applicability section of Method 25 in cases where use of Method 25 is demonstrated to be technically infeasible. The owner or operator shall submit notice of the intended test method to the administrator for approval along with the notification of the performance test required under 60.8(d) of the general provisions. Except as indicated in paragraphs (b)(1) and (b)(2) of this section, the test shall consist of three separate runs, each lasting a minimum of 30 minutes.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 85: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 60.747, NSPS Subpart VVV

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All Of the following requirements pertain to 40 CFR 60 VVV 747, (reporting and record keeping requirements):

(f) Each owner or operator of an affected facility coating operation, either by itself or with associated coating mix preparation equipment, shall submit the following with the reports required under paragraphs (d) and (e) of this section;

(1) All periods during actual mixing or coating operations when a required monitoring device (if any) was malfunctioning or not operating; and

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(2) All periods during actual mixing or coating operations when the control device was malfunctioning or not operating.

(g) The reports required under paragraphs (b), (c), (d), and (e) of this section shall be post marked within 30 days of the end of the reporting period.

(h) Records required in 60.747 must be retained for the most recent 2 year period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 86: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 86.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owner or operator shall submit the performance test data and results to the administrator as specified 60.8(a) of this part. In addition, the average values of the monitored parameters measured at least every 15 minutes and averaged over the period of the performance test shall be submitted with the results of all performance tests.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 87: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 60.747(d)(4), NSPS Subpart

VVV

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Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of an affected facility demonstrating compliance by the methods described in §60.743(a)(1), (2), (4), (b), or (c) shall maintain records and submit quarterly reports to the Administrator documenting the following:

Monitoring thermal incinerator combustion gas temperature, all 3-hour periods (during actual coating operations) during which the average combustion temperature of the device is more than 28 Celsius degrees below the average combustion temperature of the device during the most recent performance test that demonstrated compliance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

Subsequent reports are due every 3 calendar month(s).

Condition 88: Compliance Certification

Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:40CFR 60.747(d)(6), NSPS Subpart

VVV

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-14NC2

Process: NC2

Emission Source: 01050

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility shall maintain records and submit quarterly



reports documenting the following:

Monitoring of total enclosure pursuant to §60.744(h), all occurrences (during actual coating operations) during which the the air flow into the total enclosure falls below 200 feet per minute shall be documented and reported as required. Total enclosure doors shall remain closed during coating operations. Open door alarms shall be operational at all times during coating operation, occurrences of open doors shall be documented and reported as required. Each incident shall be investigated, summarized, and corrective actions shall be taken by facility.

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2010.

Subsequent reports are due every 3 calendar month(s).

Condition 98: Emissions from existing sources
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 212.3 (a)

Item 98.1:

This Condition applies to Emission Unit: 1-14SL1
Process: SLV

Item 98.2:

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

Condition 99: Emissions from existing sources
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 212.3 (a)

Item 99.1:

This Condition applies to Emission Unit: 1-33001

Item 99.2:

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

Condition 100: Compliance Certification
Effective between the dates of 02/09/2010 and 02/08/2015



Applicable Federal Requirement:6 NYCRR 212.10 (c) (4) (iii)

Item 100.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-33001

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

Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The emission points listed below contained in this emission unit are operating under a VOC RACT variance due to an economic infeasibility. The combined emissions of volatile organic compounds (VOC) from the emission points listed below shall be limited to twenty (20) tons per year on a twelve (12) month rolling average. The facility shall monitor and maintain monthly records of the emission of VOC from the listed emission points. The records shall include all calculations used to determine the monthly and annual emissions of VOC. The records shall be maintained on-site for a period of five (5) years. Prior to the Title V permit renewal, the facility shall reevaluate the economic feasibility of RACT for these emission points. The VOC RACT variance is subject to the approval of the US EPA.

The emission points are: 12103, 12104, 12106, 12107, 12108, 12123, 12131, 12132, 12133, 12142, 12143, 12144, 12145, 12148, 12149, 12151 and 12157.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2011.

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

Condition 101: Emissions from existing sources
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable Federal Requirement:6 NYCRR 212.3 (a)

Item 101.1:

This Condition applies to Emission Unit: 1-42001

Item 101.2:

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



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

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

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

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

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

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

Condition 102: Contaminant List
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable State Requirement:ECL 19-0301

Item 102.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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



CAS No: 0NY100-00-0
Name: HAP

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

Condition 103: Unavoidable noncompliance and violations
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable State Requirement: 6 NYCRR 201-1.4

Item 103.1:

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

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determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

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

Condition 104: Compliance Demonstration
Effective between the dates of 02/09/2010 and 02/08/2015

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

Item 104.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 104.2:

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
1130 N. Westcott Rd
Schenectady, NY 12306

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 105: Air pollution prohibited
Effective between the dates of 02/09/2010 and 02/08/2015

Applicable State Requirement:6 NYCRR 211.2

Item 105.1:

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.

