

**New York State Department of Environmental Conservation
Facility DEC ID: 9146400031**



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

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 9-1464-00031/00292
Effective Date: 08/13/2007 Expiration Date: 08/12/2012

Permit Issued To: E I DUPONT DE NEMOURS & CO
1007 MARKET ST
WILMINGTON, DE 19898

Facility: E I DUPONT YERKES PLANT
SHERIDAN DR AT RIVER RD
TONAWANDA, NY 14150

Contact: ESTHER T LORENCE
E I DUPONT DE NEMOURS & CO
PO BOX 88
BUFFALO, NY 14207-0088
(716) 879-1760

Description:

This is a Title V renewal permit for the E I Dupont Yerkes plant. It includes the changes made under 2 permit modifications in the past as follows:

1. Addition of a baghouse to capture particulate emissions on existing sheet line #1. This was a house keeping issue for the facility.
2. Addition of the requirements for National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 cfr part 63 subpart JJJJ, applicable to paper and other web coatings. This rule applies to emission unit 0-00010, the Tedlar®) SP Line.
3. Addition of the requirements for the installation of a batch vapor cleaning machine with refrigeration device as control. This vapor degreaser is identified under emission unit 00003, emission source SS248 and is subject to NESHAP 40 cfr 63 subpart T.

Other minor changes to the permit include combining monitoring requirements for particulate emissions for sources with and without control equipment, and corrections to sources in operation. Also, six tanks identified in the initial Title V to be subject to 40 cfr 60.115a, subpart Kb, storage tanks with capacity between 20,000 gallons and 34,000 gallons, contain liquids with a vapor pressure less than the 15.0 k Pa applicable level. These tanks are therefore not subject to this regulation.

A question arose as to the applicability of 40 cfr 63.2430 subpart FFFF, NESHAPS for miscellaneous organic manufacturing. It was determined by EPA during rule writing that Duponts Standard Industrial Classification Code was not included in this rule and therefore not applicable.

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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: DOUGLAS E BORSCHEL
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2999

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for permit renewals, modifications and transfers

Applications for Permit Renewals and Modifications

Permit modifications, suspensions or revocations by the Department

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of application for permit modification or renewal-REGION 9
HEADQUARTERS



DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

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

Item 3.1:

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

Item 3.2:

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

Item 3.3:



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

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

Item 4.1:

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

Item 4.2:

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

Item 4.3:

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

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

Item 5.1:

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

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

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

Item 6.1:

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

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

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

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

Condition 7: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 7.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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1007 MARKET ST
WILMINGTON, DE 19898

Facility: E I DUPONT YERKES PLANT
SHERIDAN DR AT RIVER RD
TONAWANDA, NY 14150

Authorized Activity By Standard Industrial Classification Code:
3081 - UNSUPPORTED PLASTICS FILM AND SHEET
3088 - PLASTICS PLUMBING FIXTURES

Permit Effective Date: 08/13/2007

Permit Expiration Date: 08/12/2012



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 200.3: False statement
- 24 6NYCRR 201-6: Emission Unit Definition
- 25 6NYCRR 201-6.5(f): Compliance Certification
- 26 6NYCRR 212.4(c): Compliance Certification
- 27 6NYCRR 212.4(c): Compliance Certification
- 28 6NYCRR 212.6(a): Compliance Certification
- 29 6NYCRR 212.10: Compliance Certification
- 30 6NYCRR 229.3(e)(2)(iv): Compliance Certification
- 31 6NYCRR 229.3(e)(2)(v): Compliance Certification

Emission Unit Level

- 32 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 33 6NYCRR 201-6: Process Definition By Emission Unit
- 34 6NYCRR 201-7: Process Permissible Emissions

EU=0-00003,Proc=003

- 35 40CFR 63.463, Subpart T: Batch vapor and In-line machines: base design requirements



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- 36 40CFR 63.463(b)(1)(i), Subpart T: Compliance Certification
- 37 40CFR 63.463(d), Subpart T: Compliance Certification
- 38 40CFR 63.463(e)(2)(i), Subpart T: Compliance Certification
- 39 40CFR 63.467(a), Subpart T: Compliance Certification
- 40 40CFR 63.467(b), Subpart T: Compliance Certification
- 41 40CFR 63.468(f), Subpart T: Compliance Certification
- 42 40CFR 63.468(h), Subpart T: Compliance Certification

EU=0-00003,EP=00058,Proc=003,ES=S0058

- 43 40CFR 63.462(a)(2), Subpart T: Compliance Certification
- 44 40CFR 63.468(c), Subpart T: Reporting requirements for batch cold degreasers

EU=0-00009,EP=0002A,Proc=009,ES=K002A

- 45 6NYCRR 212.11(b)(5): Compliance Certification

EU=0-00009,EP=0002A,Proc=009,ES=K002B

- 46 6NYCRR 212.11(b)(4): Compliance Certification

EU=0-00009,EP=0004A,Proc=009,ES=K004A

- 47 6NYCRR 212.11(b)(5): Compliance Certification

EU=0-00010

- 48 40CFR 63.3330(a), Subpart JJJJ: Compliance date for existing affected sources.
- 49 40CFR 63.3350(e), Subpart JJJJ: Compliance Certification
- 50 40CFR 63.3350(f), Subpart JJJJ: Compliance Certification
- 51 40CFR 63.3360(e)(3)(ii)(C), Subpart JJJJ: Compliance Certification
- 52 40CFR 63.3360(e)(3)(ii)(D), Subpart JJJJ: Compliance Certification
- 53 40CFR 63.3370(g), Subpart JJJJ: Compliance Certification
- 54 40CFR 63.3370(k)(1), Subpart JJJJ: Compliance Certification
- 55 40CFR 63.3370(k)(2)(i), Subpart JJJJ: Compliance Certification
- 56 40CFR 63.3370(k)(2)(ii), Subpart JJJJ: Compliance Certification
- 57 40CFR 63.3370(k)(2)(iv), Subpart JJJJ: Compliance Certification
- 58 40CFR 63.3400(c), Subpart JJJJ: Compliance Certification
- 59 40CFR 63.3400(g), Subpart JJJJ: Compliance Certification

EU=0-00010,EP=00027,Proc=010,ES=S0027

- *60 6NYCRR 201-7: Capping Monitoring Condition

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 61 ECL 19-0301: Contaminant List
- 62 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 63 6NYCRR 211.2: Air pollution prohibited

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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



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order to maintain compliance with the conditions of this permit.

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

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

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

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

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

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

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

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Act;

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

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

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

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

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

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

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

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

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



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

Item L: Permit Exclusion - ECL 19-0305

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

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

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

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 200.6

Item 1.1:

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



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

Condition 2: Fees

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 2.1:

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

Condition 3: Recordkeeping and reporting of compliance monitoring

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 3.1:

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

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

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 4.1:

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



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regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

(1) For emissions of a hazardous air pollutant or a toxic 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.

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(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 any of the above conditions 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) through (4) 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 paragraph (1) through (4) of this section must also be identified in the 6 month monitoring report required above.

If the permittee seeks to have a violation excused as provided in 201-1.4, the permittee shall report such violations as required under 201-1.4(b). However, in no case may reports of any deviation be on a less frequent basis than those described in paragraphs (1) through (4) above. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

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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 Compliance Monitoring and Enforcement (BCME) 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 1/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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- 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 Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2



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

The address for the RAPCE is as follows:

270 Michigan Avenue
Buffalo, NY 14203-2999

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
625 Broadway
Albany, NY 12233-3258

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

Condition 7: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 202-2.1

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

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emission statements shall be submitted on or before April
15th each year for emissions of the previous calendar
year.

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 08/13/2007 and 08/12/2012



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Applicable Federal Requirement: 6NYCRR 202-2.5

Item 8.1:

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

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

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

**Condition 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 08/13/2007 and 08/12/2012**

Applicable Federal Requirement: 6NYCRR 215

Item 9.1:

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

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

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

**Condition 10: Maintenance of Equipment
Effective between the dates of 08/13/2007 and 08/12/2012**

Applicable Federal Requirement: 6NYCRR 200.7

Item 10.1:

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

**Condition 11: Recycling and Salvage
Effective between the dates of 08/13/2007 and 08/12/2012**



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Applicable Federal Requirement: 6NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 14.1:

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

Condition 15: Standard Requirement - Provide Information

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 15.1:

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

Condition 16: General Condition - Right to Inspect

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 16.1:

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

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

Condition 17: Standard Requirements - Progress Reports

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 17.1:

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

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



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

Condition 18: Off Permit Changes
Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 18.1:

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

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

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

Condition 19: Required Emissions Tests
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 19.1:

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

Condition 20: Visible Emissions Limited
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 211.3

Item 20.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning



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permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 21: Accidental release provisions.
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 68

Item 21.1:

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

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

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

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 22.1:

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

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

Condition 23: False statement
Effective between the dates of 08/13/2007 and 08/12/2012

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Applicable Federal Requirement: 6NYCRR 200.3

Item 23.1:

No person shall make a false statement in connection with applications, plans, specifications and/or reports submitted pursuant to this Subchapter.

Condition 24: Emission Unit Definition

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 24.1:

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

Emission Unit: 0-00001

Emission Unit Description:

Emission Unit 0-00001 includes a mold injection line for the production of Corian(R) shape products. The mold injection line is identified as Corian(R) Closed Mold Casting (CCMC). Molds are conditioned in a pre-conditioning tunnel. After filling, the molds move through a heat tunnel and then to an unload station. The mold is opened and the product removed. The product is sent to a finishing area. There are four processes associated with this emission unit. The processes include: 001- Manufacture of Corian(R) Closed Mold Casting (VOC sources); 01A- Insignificant activities involved in the manufacture of Corian(R) Closed Mold Castings; 01B-VOC process vessels greater than 750 gallons; and 01C- Manufacture of Corian(R) Closed Mold Casting (particulate sources).

Building(s): 300

Item 24.2:

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

Emission Unit: 0-00002

Emission Unit Description:

Emission unit 0-00002 is identified as Corian(R) Sheet Line #1. Corian is cast as a sheet. The sheet is trimmed, cut, and finished. There are four processes associated with this emission unit: 002- Manufacture of Corian(R) Sheet Line #1 (VOC Sources); 02A- Insignificant activities associated with Corian(R) Sheet Line #1; 02B-VOC process vessels greater than 750 gallons capacity; and, 02C - Manufacture of Corian(R) Sheet Line #1 (particulate sources).

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Building(s): 200

Item 24.3:

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

Emission Unit: 0-00003

Emission Unit Description:

Emission unit 0-00003 is identified as Corian(R) Sheet Line #2. Corian is cast as a sheet. The sheet is trimmed, cut, and finished. There are four processes associated with this emission unit: 003- Manufacture of Corian(R) Sheet Line #2 (VOC Sources); 03A- Insignificant activities associated with Corian(R) Sheet Line #2; 03B- VOC process vessels greater than 750 gallons; and, 03C - Manufacture of Corian(R) Sheet Line #2 (particulate sources).

A new batch vapor machine has a new emission source, but uses a current emission point, # 58.

Building(s): 100

Item 24.4:

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

Emission Unit: 0-00004

Emission Unit Description:

Emission unit 0-00004 is identified as the Corian(R) Sirup Process. During this process methyl methacrylate (cas # 80-62-6) is partially polymerized to polymethyl methacrylate (cas # 9011-14-7) in a continuous reactor. The sirup is stored for use in storage tanks. There is one process associated with this emission unit: - 04A- Insignificant activities associated with Corian(R) Sirup.

Building(s): 200

Item 24.5:

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

Emission Unit: 0-00005

Emission Unit Description:

Emission unit 0-00005 is identified as Corian(R) Raw Materials. This emission unit includes the storage of materials for the manufacturing process. There are two processes associated with this emission unit: - 05B- VOC storage tanks associated with the Corian(R) Raw Materials Area, and 05C - particulate sources.

Building(s): RAW MAT.



Item 24.6:

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

Emission Unit: 0-00006

Emission Unit Description:

Emission unit 0-00006 includes: (1) Research & Development , (2) Maintenance, and (3) Quality Laboratory Testing activities. These activities may be classified as exempt sources under 6 NYCRR Part 201-3.3; however, some sources may have an applicable requirement and associated monitoring. Thus, only the sources which are subject to an applicable requirement have been identified in the permit. However, emissions from all the exempt activities are included in the facility emission calculations.

There are three processes associated with this emission unit including: 06A-insignificant activities, 06B - storage tanks, and 06C- particulate sources.

Building(s): 100

Item 24.7:

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

Emission Unit: 0-00008

Emission Unit Description:

Emission unit 0-00008 is identified as Tedlar(R) Polymer. Vinyl fluoride, produced off-site, is polymerized and the polymer is decanted, filtered, and dried. There are three processes associated with this emission unit including: 008- VOC sources, 08A- insignificant activities, and 08C-particulate sources.

Building(s): 4140

Item 24.8:

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

Emission Unit: 0-00009

Emission Unit Description:

Emission unit 0-00009 is identified as Tedlar(R) Oriented Line #1. Polymerized vinyl fluoride is combined with dimethyl acetamide (cas # 127-19-5) and additives. The mixture is extruded through a die and stretched to form a film as the dimethyl acetamide is removed. The film is wound onto mill rolls. There are four processes associated with this emission unit: - 009- Manufacture of Tedlar(R) - Oriented Line #1 which includes mix tanks; - 09A- Insignificant activities associated with Tedlar(R) -



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Oriented Line #1; 09B- VOC storage tanks associated with the Manufacture of Tedlar(R) - Oriented Line #1, and 09C - particulate sources.

Building(s): TEDLAR(R)

Item 24.9:

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

Emission Unit: 0-00010

Emission Unit Description:

Emission unit 0-00010 is identified as the Tedlar(R) SP Line. A mixture of polymerized vinyl fluoride and additives are coated onto a continuous carrier web. The film is cured and the web may, or may not, be removed. There is one process associated with this emission unit: - 010- Manufacture of Tedlar(R) - SP Line.

Building(s): TEDLAR SP

Condition 25: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In accordance with 6NYCRR201-6.5(f), E.I. duPont de Nemours & Company. Inc. (hereinafter DuPont) has the ability to maintain operational flexibility. This permit condition shall specify the conditions under which operational flexibility can be performed at the facility.

Operational flexibility within the facility shall include the ability to:

1. move equipment and/or exhaust points;
2. modify and/or replace existing equipment and/or exhaust points; and
3. install new equipment and/or exhaust points,



PROVIDED THAT the above resulting action:

1. is deemed either an exempt or trivial activity as per 6NYCRR Part 201-3.2 or the actual emission levels are insignificant as specified in 6NYCRR Part 201-6.3(d)(7);
2. does not violate any applicable regulation; and
3. does not cause the facility to become subject to any additional regulations or requirements.

All other actions are deemed significant and require Department approval for a Minor or Major Modification as stated in 6NYCRR Part 201-6.7(c) and (d), respectively.

The details of any operational flexibility action that is completed must be recorded in the site inventory and an update provided to the Department in the annual compliance report. The records shall indicate the date and description of the changes. In addition, appropriate documentation to demonstrate the above three criteria are satisfied shall be provided. These records shall be maintained on-site for a period of five years and shall be available for review by the Department and/or Administrator 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 1/30/2008.

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

Condition 26: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 26.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-00003

Process: 03C

Emission Source: K0059



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Emission Unit: 0-00002
Process: 02C Emission Source: K0210

Emission Unit: 0-00008
Process: 08C Emission Source: K0106

Emission Unit: 0-00008
Process: 08C Emission Source: K0107

Emission Unit: 0-00009
Process: 09C Emission Source: K004B

Emission Unit: 0-00009
Process: 09C Emission Source: C004A

Emission Unit: 0-00002
Process: 02C Emission Source: KO243

Emission Unit: 0-00006
Process: 06C Emission Source: K0215

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

Item 26.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Emissions of solid particulates from all emission points shall not exceed 0.05 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis (gr/dscf). Compliance testing shall be conducted at the discretion of the Department.

The solid particulate emission sources at DuPont can be categorized into two general categories. These categories are identified as: (1) Direct Discharge Process Equipment, and (2) Particulate Control Equipment. DuPont shall comply with the following procedures regarding the emissions from PARTICULATE CONTROL EQUIPMENT:

1. Particulate control equipment can be defined as the equipment which is not considered part of the process but controls waste particulates. The particulate control

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equipment generally consists of baghouses and in-line filters and is not monitored by the process computer tracking system. The equipment shall be used at all times the associated process is in operation. To ensure optimum performance and control efficiency, the control equipment shall be operated in accordance with design specifications and shall be maintained according to the manufacturer's specifications or utilizing good maintenance practices.

2. An ANNUAL preventative maintenance schedule shall be implemented and maintained to prevent bag "blowouts", plugged filters, and other catastrophic operational problems.

3. A MONTHLY equipment inspection shall be implemented that consists of the following activities:

- (a) Where gauges are available, check and record differential pressure, when unit is operating;
- (b) Inspect for dust leaks at doors, hatches, and seams;
- (c) Inspect for dust at dust collector outlet and clean surrounding area;
- (d) Inspect exterior duct work to and from the collector for damage or leaks. Repair as needed.

4. For verification purposes, all inspections, observations and maintenance performed on the particulate control equipment shall be documented. The documentation shall include: a description of the problem, corrective action, identification of air contaminant(s), and an estimate of emissions. All records shall be maintained on-site for a minimum of five (5) years and be made available to the Department upon request.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

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 1/30/2008.

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



Condition 27: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 27.1:

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

Emission Unit: 0-00001
Process: 01C Emission Source: K0097

Emission Unit: 0-00001
Process: 01C Emission Source: K0099

Emission Unit: 0-00003
Process: 03C Emission Source: K0054

Emission Unit: 0-00003
Process: 03C Emission Source: K0100

Emission Unit: 0-00003
Process: 03C Emission Source: K0167

Emission Unit: 0-00002
Process: 02C Emission Source: K0008

Emission Unit: 0-00002
Process: 02C Emission Source: K0130

Emission Unit: 0-00002
Process: 02C Emission Source: K0209

Emission Unit: 0-00002
Process: 02C Emission Source: K0211

Emission Unit: 0-00002
Process: 02C Emission Source: K0203

Emission Unit: 0-00002
Process: 02C Emission Source: K0204

Emission Unit: 0-00002
Process: 02C Emission Source: K0206

Emission Unit: 0-00005



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Process: 05C Emission Source: K0133

Emission Unit: 0-00005

Process: 05C Emission Source: K0015

Emission Unit: 0-00005

Process: 05C Emission Source: K0024

Emission Unit: 0-00005

Process: 05C Emission Source: K0053

Emission Unit: 0-00008

Process: 08C Emission Source: K0020

Emission Unit: 0-00008

Process: 08C Emission Source: K0105

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 27.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Emissions of solid particulates from all emission points shall not exceed 0.05 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis (gr/dscf). Compliance testing shall be conducted at the discretion of the Department.

The solid particulate emission sources at DuPont can be categorized into two general categories. These categories are identified as: (1) Direct Discharge Process Equipment, and (2) Particulate Control Equipment. DuPont shall comply with the following procedures regarding the particulate emission from DIRECT DISCHARGE PROCESS EQUIPMENT:

1. Direct discharge process equipment can be defined as equipment that conveys raw material particulates within the process equipment using air pressure. The transport air is discharged via emission point.
2. An annual preventative maintenance schedule shall be implemented and maintained to prevent bag "blowouts", and other catastrophic operational problems.



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3. For verification purposes, all maintenance and repairs performed on the process control equipment shall be documented. The documentation shall include: a description of the problem, corrective action, identification of air contaminant(s), and an estimate of the emissions. All records shall be maintained on-site for a minimum of five (5) years and be made available to the Department upon request.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

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 1/30/2008.

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

Condition 28: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 28.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-00001

Process: 01C

Emission Source: K0097

Emission Unit: 0-00001

Process: 01C

Emission Source: K0099

Emission Unit: 0-00003

Process: 03C

Emission Source: K0054

Emission Unit: 0-00003

Process: 03C

Emission Source: K0100

Emission Unit: 0-00003

Process: 03C

Emission Source: K0167

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Emission Unit: 0-00002
Process: 02C Emission Source: S0206

Emission Unit: 0-00002
Process: 02C Emission Source: K0008

Emission Unit: 0-00002
Process: 02C Emission Source: K0130

Emission Unit: 0-00002
Process: 02C Emission Source: K0203

Emission Unit: 0-00002
Process: 02C Emission Source: K0204

Emission Unit: 0-00002
Process: 02C Emission Source: S0209

Emission Unit: 0-00002
Process: 02C Emission Source: S0211

Emission Unit: 0-00005
Process: 05C Emission Source: K0133

Emission Unit: 0-00005
Process: 05C Emission Source: K0015

Emission Unit: 0-00005
Process: 05C Emission Source: K0024

Emission Unit: 0-00005
Process: 05C Emission Source: K0053

Emission Unit: 0-00008
Process: 08C Emission Source: K0020

Emission Unit: 0-00008
Process: 08C Emission Source: K0105

Emission Unit: 0-00003
Process: 03C Emission Source: K0059

Emission Unit: 0-00002
Process: 02C Emission Source: K0210

Emission Unit: 0-00008



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Process: 08C Emission Source: K0106

Emission Unit: 0-00009

Process: 09C Emission Source: K004B

Emission Unit: 0-00009

Process: 09C Emission Source: C004A

Emission Unit: 0-00006

Process: 06C Emission Source: K0215

Emission Unit: 0-00002

Process: 02C Emission Source: KO243

Emission Unit: 0-00008

Process: 08C Emission Source: K0107

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 28.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person will 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 an EPA Method 9 opacity evaluation at any time during facility operation.

The monitoring procedure to determine compliance with the opacity requirements under section 212.6(a) for the DIRECT DISCHARGE PROCESS EQUIPMENT and PARTICULATE CONTROL EQUIPMENT will include the following:

1. DuPont shall conduct a WEEKLY survey of visible emissions from the listed emission points to determine the presence of particulate material due to bag deterioration or other gradual operational problems. The visible emission survey shall be completed during daylight hours, except during conditions of extreme weather (i.e., fog, snow, rain), to determine the presence of particulate material due to bag deterioration or other gradual



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operational problems. If visible emissions above those that are normal (i.e., normal may be zero percent opacity) and in compliance with section 212.6(a) are detected, then DuPont shall determine the cause and immediately make the necessary correction. A report of the abnormal observations including date, time, weather conditions and observer's name shall be recorded and made available to the Department upon request. Records shall be maintained for a period of at least five years.

2. If visible emissions above those that are normal and in compliance continue to be present after corrections are made, then DuPont shall conduct a Method 9 assessment to determine the degree of opacity.

3. If the opacity is determined to exceed the limits of section 212.6(a), then DuPont will remedy the problem and will contact the Department. The provisions of Part 201-1.4 shall apply.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 22 and 9

Monitoring Frequency: WEEKLY

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 29: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 212.10

Item 29.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-00001 Emission Point: 00200

Emission Unit: 0-00010 Emission Point: 00157

Emission Unit: 0-00008 Emission Point: 00125

Emission Unit: 0-00008 Emission Point: 00126



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Emission Unit: 0-00008 Emission Point: 00005

Emission Unit: 0-00009 Emission Point: 00003

Emission Unit: 0-00002 Emission Point: 00221

Emission Unit: 0-00003 Emission Point: 00055

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and/or operators of facilities located outside of the lower Orange County and New York City metropolitan areas with an annual potential to emit of 100 tons or more of nitrogen oxides or 50 tons or more of volatile organic compounds must submit a compliance plan to the department by October 20, 1994. The compliance plan must either include a reasonably available control technology (RACT) analysis or a plan to limit the annual potential to emit below the applicability levels. A RACT analysis is not required for emission points with volatile organic compound emission rate potentials less than 3.0 pounds per hour at facilities located outside of the lower Orange County and New York City metropolitan areas. Reasonably available control technology as approved by the department must be implemented on each emission point subject to this section by May 31, 1995.

DuPont submitted an initial compliance plan, dated February 9, 1995, a second compliance plan on January 31, 2001 and a third dated November 8, 2006. The latest compliance plan included a reasonably available control technology analysis for each emission point which emits volatile organic compounds greater than 3.0 pounds per hour. The 2006 compliance plan identified eight (8) emission points with volatile organic compound emissions greater than 3.0 pounds per hour. The RACT analyses demonstrated it was not economically feasible to install control equipment and no modifications are required.

The Department has reviewed and determined that there is



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sufficient evidence to accept a lesser degree of control. These process specific RACT demonstrations which are acceptable to the department will be submitted to the United States Environmental Protection Agency for approval as a revision to the State Implementation Plan by the department. This permit condition shall document the Department's acceptance and approval of a RACT variance.

DuPont will be required to reevaluate the RACT demonstration of the affected emission points prior to the permit renewal date. The RACT demonstration shall be submitted to the Department 60 days prior to the permit renewal date.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(iv)

Item 30.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-00009
Process: 09B Emission Source: S0016

Emission Unit: 0-00005
Process: 05B Emission Source: S0152

Emission Unit: 0-00009
Process: 09B Emission Source: S234A

Emission Unit: 0-00009
Process: 09B Emission Source: S234B

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:



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The owner or operator of any volatile organic liquid storage tank with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons located at a facility with an annual potential to emit volatile organic compounds from all sources of 50 tons or more must meet the control requirements of section 229.3(e)(2)(iv) by 6/1/95.

Storage tanks subject to this requirement with a capacity of greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill. The permittee shall insure proper operation of the submerged fill line on annual basis. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings, and a listing of all equipment repairs or replacements.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 31: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 229.3(e)(2)(v)

Item 31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-00002

Process: 02B

Emission Unit: 0-00003

Process: 03B

Emission Unit: 0-00005

Process: 05B

Emission Unit: 0-00009

Process: 09B

Emission Unit: 0-00001

Process: 01B



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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 volatile organic liquid storage tank with a capacity less than 10,000 gallons located at a facility with an annual potential to emit volatile organic compounds from all sources of 50 tons or more must meet the control requirements of section 229.3(e)(2)(v) by 6/1/95.

Storage tanks subject to this requirement with a capacity of less than 10,000 gallons must be equipped with a conservation vent. The permittee shall visually inspect the conservation vent once every three years to ensure proper operation. Annual inspections under the previous permit have not identified any issues with the operation of these vents. Inspection records must be maintained on site for a period of 5 years. Records shall contain the date(s) of all inspections, inspection findings, and a listing of all equipment repairs or replacements.

DuPont requested a variance on June 9, 1995 for five storage tanks each with a capacity of less than 10,000 gallons. The Department has indicated the variance will be granted. As such, the five storage tanks have not been listed with this regulation. The five storage tanks are identified as emission sources: S0019, S0018, S0122, S0123, S0124.

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 1/30/2008.

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

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



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**Condition 32: Emission Point Definition By Emission Unit
Effective between the dates of 08/13/2007 and 08/12/2012**

Applicable Federal Requirement: 6NYCRR 201-6

Item 32.1:

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

Emission Unit: 0-00001

Emission Point: 00032

Height (ft.): 24 Length (in.): 44 Width (in.): 17
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00097

Height (ft.): 4 Diameter (in.): 6
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00099

Height (ft.): 4 Diameter (in.): 4
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00121

Height (ft.): 55 Diameter (in.): 2
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 300

Emission Point: 00163

Height (ft.): 36 Diameter (in.): 33
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00165

Height (ft.): 22 Length (in.): 20 Width (in.): 16
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00200

Height (ft.): 29 Diameter (in.): 18
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 300

Emission Point: 0031A

Height (ft.): 36 Length (in.): 50 Width (in.): 60
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 300

Item 32.2:

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

Emission Unit: 0-00002



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Emission Point: 00007
Height (ft.): 35 Length (in.): 30 Width (in.): 48
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00008
Height (ft.): 56 Diameter (in.): 6
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 0007A
Height (ft.): 23 Length (in.): 13 Width (in.): 18
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00120
Height (ft.): 18 Diameter (in.): 1
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00130
Height (ft.): 80 Diameter (in.): 4

Emission Point: 00134
Height (ft.): 80 Diameter (in.): 4

Emission Point: 00135
Height (ft.): 30 Length (in.): 14 Width (in.): 18
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 200

Emission Point: 00137
Height (ft.): 68 Length (in.): 22 Width (in.): 15
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00139
Height (ft.): 30 Diameter (in.): 1
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 200

Emission Point: 00172
Height (ft.): 37 Diameter (in.): 12
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 200

Emission Point: 00180
Height (ft.): 10 Diameter (in.): 14

Emission Point: 00198
Height (ft.): 33 Length (in.): 12 Width (in.): 20

Emission Point: 00202
Height (ft.): 14 Diameter (in.): 24



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Emission Point: 00203			
Height (ft.): 8	Diameter (in.): 4		
Emission Point: 00204			
Height (ft.): 120	Diameter (in.): 6		
Emission Point: 00205			
Height (ft.): 50	Diameter (in.): 1		
Emission Point: 00206			
Height (ft.): 97	Diameter (in.): 4		
Emission Point: 00207			
Height (ft.): 56	Diameter (in.): 54		
Emission Point: 00208			
Height (ft.): 42	Diameter (in.): 30		
Emission Point: 00209			
Height (ft.): 5	Diameter (in.): 8		
Emission Point: 00210			
Height (ft.): 25	Diameter (in.): 6		
NYTMN (km.): 4764.32	NYTME (km.): 180.429	Building: 200	
Emission Point: 00211			
Height (ft.): 5	Diameter (in.): 8		
Emission Point: 00221			
Height (ft.): 35	Length (in.): 30	Width (in.): 48	
Emission Point: 00243			
Height (ft.): 4	Diameter (in.): 4		
		Building: 200	

Item 32.3:

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

Emission Unit: 0-00003			
Emission Point: 00054			
Height (ft.): 108	Diameter (in.): 4		
NYTMN (km.): 4764.32	NYTME (km.): 180.429		
Emission Point: 00055			
Height (ft.): 50	Diameter (in.): 38		
NYTMN (km.): 4764.32	NYTME (km.): 180.429		



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Emission Point: 00056
Height (ft.): 30 Diameter (in.): 4
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00057
Height (ft.): 50 Diameter (in.): 26
NYTMN (km.): 4765.12 NYTME (km.): 180.429

Emission Point: 00058
Height (ft.): 30 Diameter (in.): 11
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 100

Emission Point: 00059
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00100
Height (ft.): 100 Diameter (in.): 6
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00109
Height (ft.): 30 Diameter (in.): 11
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00115
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 100

Emission Point: 00116
Height (ft.): 45 Diameter (in.): 1
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 100

Emission Point: 00140
Height (ft.): 33 Length (in.): 12 Width (in.): 20
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 100

Emission Point: 00141
Height (ft.): 33 Diameter (in.): 4
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 100

Emission Point: 00158
Height (ft.): 50 Diameter (in.): 19
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00159
Height (ft.): 50 Diameter (in.): 20



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NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00160

Height (ft.): 50

Diameter (in.): 29

NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00167

Height (ft.): 87

Diameter (in.): 5

NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 100

Item 32.4:

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

Emission Unit: 0-00004

Emission Point: 00136

Height (ft.): 70

Diameter (in.): 6

NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 200

Emission Point: 00161

Height (ft.): 70

Diameter (in.): 6

NYTMN (km.): 4764.62 NYTME (km.): 180.729

Item 32.5:

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

Emission Unit: 0-00005

Emission Point: 00015

Height (ft.): 50

Length (in.): 12

Width (in.): 18

NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00021

Height (ft.): 10

Length (in.): 12

Width (in.): 19

NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00024

Height (ft.): 64

Length (in.): 12

Width (in.): 18

NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00053

Height (ft.): 10

Length (in.): 36

Width (in.): 66

NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00133

Height (ft.): 6

Diameter (in.): 4

NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: RAW MAT.



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Emission Point: 00149
Height (ft.): 30 Diameter (in.): 4
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00150
Height (ft.): 31 Diameter (in.): 4
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00151
Height (ft.): 31 Diameter (in.): 4
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00152
Height (ft.): 23 Diameter (in.): 4
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Item 32.6:

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

Emission Unit: 0-00006

Emission Point: 00114
Height (ft.): 21 Diameter (in.): 16
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00144
Height (ft.): 10 Diameter (in.): 4

Emission Point: 00199
Height (ft.): 10 Diameter (in.): 4

Emission Point: 00215
Height (ft.): 5 Diameter (in.): 8

Item 32.7:

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

Emission Unit: 0-00008

Emission Point: 00005
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00020
Height (ft.): 30 Length (in.): 19 Width (in.): 24
NYTMN (km.): 4764.32 NYTME (km.): 180.429

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Emission Point: 00030
Height (ft.): 27 Diameter (in.): 1
NYTMN (km.): 4764.62 NYTME (km.): 180.729

Emission Point: 00105
Height (ft.): 37 Diameter (in.): 3
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00106
Height (ft.): 18 Length (in.): 9 Width (in.): 13
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00107
Height (ft.): 11 Diameter (in.): 3
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00125
Height (ft.): 23 Diameter (in.): 2
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 4140

Emission Point: 00126
Height (ft.): 60 Diameter (in.): 10
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 4140

Emission Point: 00127
Height (ft.): 1 Diameter (in.): 2

Emission Point: 00183
Height (ft.): 9 Length (in.): 20 Width (in.): 20
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 4140

Emission Point: 00184
Height (ft.): 9 Length (in.): 20 Width (in.): 20
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 4140

Emission Point: 00185
Height (ft.): 9 Length (in.): 20 Width (in.): 20
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 4140

Emission Point: 00186
Height (ft.): 9 Length (in.): 20 Width (in.): 20
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 4140

Item 32.8:

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



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Emission Unit: 0-00009

Emission Point: 00002

Height (ft.): 37

Diameter (in.): 36

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Emission Point: 00003

Height (ft.): 29

Length (in.): 36

Width (in.): 54

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Emission Point: 00011

Height (ft.): 53

Length (in.): 37

Width (in.): 55

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Emission Point: 00016

Height (ft.): 10

Length (in.): 12

Width (in.): 18

NYTMN (km.): 4764.62

NYTME (km.): 180.729

Emission Point: 00017

Height (ft.): 10

Length (in.): 12

Width (in.): 18

NYTMN (km.): 4764.62

NYTME (km.): 180.729

Emission Point: 00018

Height (ft.): 10

Length (in.): 12

Width (in.): 18

NYTMN (km.): 4764.62

NYTME (km.): 180.729

Emission Point: 00019

Height (ft.): 10

Length (in.): 12

Width (in.): 18

NYTMN (km.): 4764.62

NYTME (km.): 180.729

Emission Point: 00022

Height (ft.): 7

Diameter (in.): 12

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Emission Point: 00023

Height (ft.): 26

Length (in.): 16

Width (in.): 12

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Emission Point: 0002A

Height (ft.): 48

Length (in.): 11

Width (in.): 13

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Emission Point: 0003A

Height (ft.): 37

Length (in.): 36

Width (in.): 54

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Emission Point: 0004A



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Height (ft.): 45 Diameter (in.): 10
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 0004B
Height (ft.): 45 Diameter (in.): 6
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00110
Height (ft.): 28 Diameter (in.): 42
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00112
Height (ft.): 51 Length (in.): 32 Width (in.): 40
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00117
Height (ft.): 3 Diameter (in.): 4

Emission Point: 00122
Height (ft.): 1 Diameter (in.): 2

Emission Point: 00123
Height (ft.): 3 Diameter (in.): 2

Emission Point: 00124
Height (ft.): 3 Diameter (in.): 2

Emission Point: 00128
Height (ft.): 10 Diameter (in.): 4

Emission Point: 00129
Height (ft.): 28 Length (in.): 8 Width (in.): 9
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: TEDLAR(R)

Emission Point: 00147
Height (ft.): 52 Length (in.): 46 Width (in.): 67
NYTMN (km.): 4764.32 NYTME (km.): 180.429

Emission Point: 00148
Height (ft.): 35 Length (in.): 36 Width (in.): 49
NYTMN (km.): 4764.62 NYTME (km.): 180.729 Building: TEDLAR(R)

Item 32.9:

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

Emission Unit: 0-00010



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Emission Point: 00027

Height (ft.): 75

Diameter (in.): 48

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Emission Point: 00157

Height (ft.): 5

Length (in.): 28

Width (in.): 14

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Building: TEDLAR SP

Emission Point: 00166

Height (ft.): 10

Diameter (in.): 10

NYTMN (km.): 4764.32

NYTME (km.): 180.429

Condition 33: Process Definition By Emission Unit

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 33.1:

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

Emission Unit: 0-00001

Process: 001

Source Classification Code: 3-08-010-07

Process Description:

Process 001 includes the sources which result in volatile organic compound (VOC) emissions during the manufacturing of Corian(R) Closed Mold Casting (CCMC). The manufacturing process consists of combining methyl methacrylate with an inorganic filler and minor amounts of other chemicals. The material is then injected into molds and allowed to harden. The molds are opened, the sinks removed and sent to the finishing area.

Emission Source/Control: S0200 - Process

Emission Source/Control: S031A - Process

Item 33.2:

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

Emission Unit: 0-00001

Process: 01A

Source Classification Code: 3-08-010-07

Process Description:

Process 01A includes the insignificant activities associated with the manufacturing of Corian(R) Closed Mold Casting (CCMC). The sources include the preheat tunnel, curing tunnel, and other maintenance and storage areas.

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In addition, this process includes "process vessels" which are used primarily for pigments. DuPont utilizes many small (i.e., less than 750 gallon) "process vessels" in the production process. The quantity and location of the small process vessels is continuously changing. As such, the small vessels have not been listed below. Instead, as per 6NYCRR Part 201-6.5(f), DuPont is required to maintain a site inventory to identify the number and location of the small process vessels.

Emission Source/Control: S0032 - Process

Emission Source/Control: S0121 - Process

Emission Source/Control: S0163 - Process

Emission Source/Control: S0165 - Process

Item 33.3:

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

Emission Unit: 0-00001

Process: 01B

Source Classification Code: 4-07-999-97

Process Description:

VOC storage tanks associated with the Manufacture of Corian(R) Closed Mold Casting (CCMC)

Emission Source/Control: S0040 - Process

Design Capacity: 850 gallons

Item 33.4:

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

Emission Unit: 0-00001

Process: 01C

Source Classification Code: 3-08-010-07

Process Description:

Process 01C includes sources which emit particulate emissions during the manufacture of Corian(R) Closed Mold Casting (CCMC).

Emission Source/Control: K0097 - Control

Control Type: FABRIC FILTER

Emission Source/Control: K0099 - Control

Control Type: FABRIC FILTER



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Emission Source/Control: S0097 - Process

Emission Source/Control: S0099 - Process

Item 33.5:

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

Emission Unit: 0-00002

Process: 002

Source Classification Code: 3-01-018-22

Process Description:

Process 002 includes the sources which result in volatile organic compound (VOC) emissions during the manufacturing of Corian(R) Sheet Line #1. The manufacturing process consists of combining methyl methacrylate with an inorganic filler, pigment and initiator. The mixture is spread on the casting belt where the continuous sheet is allowed to polymerize and cool.

Emission Source/Control: S0007 - Process

Emission Source/Control: S007A - Process

Emission Source/Control: S0202 - Process

Emission Source/Control: S0221 - Process

Emission Source/Control: S0247 - Process

Item 33.6:

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

Emission Unit: 0-00002

Process: 02A

Source Classification Code: 3-01-018-22

Process Description:

Process 02A includes the insignificant activities associated with the manufacturing of Corian(R) Sheet Line #1.

In addition, this process includes "process vessels" which are used primarily for pigments, additives and chemicals. DuPont utilizes many small (i.e., less than 750 gallon) "process vessels" in the production process. The quantity and location of the small process vessels is continuously changing. As such, the small vessels have not been listed below. Instead, as per 6NYCRR Part 201-6.5(f), DuPont is required to maintain a site inventory to identify the

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number and location of the small process vessels.

Emission Source/Control: S0013 - Process

Emission Source/Control: S0120 - Process

Emission Source/Control: S0134 - Process

Emission Source/Control: S0135 - Process

Emission Source/Control: S0137 - Process

Emission Source/Control: S0139 - Process

Emission Source/Control: S0172 - Process

Emission Source/Control: S0173 - Process
Design Capacity: 1,250 gallons

Emission Source/Control: S0180 - Process

Emission Source/Control: S0198 - Process

Emission Source/Control: S0205 - Process

Emission Source/Control: S0207 - Process

Emission Source/Control: S0208 - Process

Item 33.7:

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

Emission Unit: 0-00002

Process: 02B

Source Classification Code: 4-07-999-97

Process Description:

VOC storage tanks associated with the Manufacture of
Corian(R) Sheet Line #1

Emission Source/Control: S0238 - Process

Item 33.8:

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

Emission Unit: 0-00002

Process: 02C

Source Classification Code: 3-01-018-22

Process Description:

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Process 02C includes sources which emit particulate emissions during the manufacture of Corian(R) Sheet Line #1.

Emission Source/Control: K0008 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0130 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0203 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0204 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0206 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0209 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0210 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0211 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K206A - Control
Control Type: FABRIC FILTER

Emission Source/Control: K206B - Control
Control Type: FABRIC FILTER

Emission Source/Control: K209A - Control
Control Type: FABRIC FILTER

Emission Source/Control: K209B - Control
Control Type: FABRIC FILTER

Emission Source/Control: K211A - Control
Control Type: FABRIC FILTER

Emission Source/Control: K211B - Control
Control Type: FABRIC FILTER

Emission Source/Control: KO243 - Control

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Control Type: FABRIC FILTER

Emission Source/Control: S0008 - Process

Emission Source/Control: S0130 - Process

Emission Source/Control: S0203 - Process

Emission Source/Control: S0204 - Process

Emission Source/Control: S0206 - Process

Emission Source/Control: S0209 - Process

Emission Source/Control: S0210 - Process

Emission Source/Control: S0211 - Process

Emission Source/Control: SO243 - Process

Item 33.9:

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

Emission Unit: 0-00003

Process: 003

Source Classification Code: 3-01-018-22

Process Description:

Process 003 includes the sources which result in volatile organic compound (VOC) emissions during the manufacturing of Corian(R) Sheet Line #2. The manufacturing process consists of combining methyl methacrylate with an inorganic filler, pigment and initiator. The mixture is spread on the casting belt where the continuous sheet is allowed to polymerize and cool. This process also includes both batch vapor degreasers and associated methylene chloride emissions.

Emission Source/Control: S0055 - Process

Emission Source/Control: S0056 - Process

Emission Source/Control: S0057 - Process

Emission Source/Control: S0058 - Process

Emission Source/Control: S0141 - Process



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Emission Source/Control: SS248 - Process

Item 33.10:

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

Emission Unit: 0-00003

Process: 03A

Source Classification Code: 3-01-018-22

Process Description:

Process 03A includes the insignificant activities associated with the manufacturing of Corian(R) Sheet Line #2. The sources include: 2nd floor additives, tower, procedyne, essential materials, PMA, and in-line trim saw.

In addition, this process includes "process vessels" which are used primarily for pigments, additives and chemicals. DuPont utilizes many small (i.e., less than 750 gallon) "process vessels" in the production process. The quantity and location of the small process vessels is continuously changing. As such, the small vessels have not been listed below. Instead, as per 6NYCRR Part 201-6.5(f), DuPont is required to maintain a site inventory to identify the number and location of the small process vessels.

Emission Source/Control: S0109 - Process

Emission Source/Control: S0115 - Process

Emission Source/Control: S0116 - Process

Emission Source/Control: S0140 - Process

Emission Source/Control: S0158 - Process

Emission Source/Control: S0159 - Process

Emission Source/Control: S0160 - Process

Item 33.11:

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

Emission Unit: 0-00003

Process: 03B

Source Classification Code: 4-07-999-97

Process Description:

VOC storage tanks associated with the Manufacture of Corian(R) Sheet Line #2



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Emission Source/Control: S0060 - Process

Design Capacity: 1,000 gallons

Item 33.12:

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

Emission Unit: 0-00003

Process: 03C

Source Classification Code: 3-01-018-22

Process Description:

Process 03C includes sources which emit particulate emissions during the manufacture of Corian(R) Sheet Line #2.

Emission Source/Control: K0054 - Control

Control Type: FABRIC FILTER

Emission Source/Control: K0059 - Control

Control Type: CENTRIFUGAL

Emission Source/Control: K0100 - Control

Control Type: FABRIC FILTER

Emission Source/Control: K0167 - Control

Control Type: FABRIC FILTER

Emission Source/Control: K167A - Control

Control Type: CENTRIFUGAL

Emission Source/Control: K167B - Control

Control Type: FABRIC FILTER

Emission Source/Control: S0054 - Process

Emission Source/Control: S0059 - Process

Emission Source/Control: S0100 - Process

Emission Source/Control: S0167 - Process

Item 33.13:

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

Emission Unit: 0-00004

Process: 04A

Source Classification Code: 3-01-018-18

Process Description:

Process 04A includes the insignificant activities associated with the manufacturing of Corian(R) Sirup. The



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sources include the sirup tower.

In addition, this process includes "process vessels" which are used primarily for pigments. DuPont utilizes many small (i.e., less than 750 gallon) "process vessels" in the production process. The quantity and location of the small process vessels is continuously changing. As such, the small vessels have not been listed below. Instead, as per 6NYCRR Part 201-6.5(f), DuPont is required to maintain a site inventory to identify the number and location of the small process vessels.

Emission Source/Control: S0136 - Process

Emission Source/Control: S0161 - Process

Item 33.14:

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

Emission Unit: 0-00005

Process: 05A

Source Classification Code: 3-01-018-18

Process Description:

Process 05A includes the insignificant activities associated with the manufacturing of Corian(R) Raw Materials Area.

Emission Source/Control: S0153 - Process

Emission Source/Control: S0154 - Process

Item 33.15:

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

Emission Unit: 0-00005

Process: 05B

Source Classification Code: 3-01-018-08

Process Description:

Process 05B includes VOC storage tanks associated with the manufacture of Corian(R) Raw Materials Area. This process includes five (5) VOC tanks with a capacity greater than 750 gallons which have been listed below in this permit.

Emission Source/Control: S0021 - Process

Design Capacity: 34,000 gallons

Emission Source/Control: S0149 - Process

Design Capacity: 20,000 gallons



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Emission Source/Control: S0150 - Process
Design Capacity: 20,000 gallons

Emission Source/Control: S0151 - Process
Design Capacity: 20,000 gallons

Emission Source/Control: S0152 - Process
Design Capacity: 10,000 gallons

Item 33.16:

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

Emission Unit: 0-00005

Process: 05C

Source Classification Code: 3-01-018-08

Process Description:

Process 05C includes sources which emit particulate emissions from the Corian Raw Materials Area.

Emission Source/Control: K0015 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0024 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0053 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0133 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K133A - Control
Control Type: FABRIC FILTER

Emission Source/Control: K133B - Control
Control Type: FABRIC FILTER

Emission Source/Control: S0015 - Process

Emission Source/Control: S0024 - Process

Emission Source/Control: S0053 - Process

Emission Source/Control: S0133 - Process

Item 33.17:

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

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Emission Unit: 0-00006

Process: 06A

Source Classification Code: 3-01-018-17

Process Description:

Process 06A includes the insignificant activities associated with the activities in: (1) Research & Development, (2) Maintenance, and (3) Quality Laboratories.

Emission Source/Control: K0144 - Control

Control Type: FABRIC FILTER

Emission Source/Control: S0114 - Process

Emission Source/Control: S0144 - Process

Emission Source/Control: S0199 - Process

Emission Source/Control: S0222 - Process

Item 33.18:

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

Emission Unit: 0-00006

Process: 06C

Source Classification Code: 3-01-018-17

Process Description:

Process 06C includes sources which emit particulate emissions from: (1) Research & Development, (2) Maintenance, and (3) Quality Laboratories.

Emission Source/Control: K0215 - Control

Control Type: FABRIC FILTER

Emission Source/Control: S0192 - Process

Emission Source/Control: S0215 - Process

Item 33.19:

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

Emission Unit: 0-00008

Process: 008

Source Classification Code: 3-01-018-18

Process Description:

Process 008 includes the sources which result in volatile organic compound (VOC) emissions during the Tedlar(R) Polymer Process. This polymerization process begins with vinyl fluoride and uses a reactor to convert it to a



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slurry of polyvinyl fluoride, vinyl fluoride, and water. The slurry passes to high and low pressure separators and a flash tank. The slurry is then filtered, mixed with air, and heated in dryers. A baghouse separates the entrained air and water vapor from the polyvinyl fluoride. The polyvinyl fluoride is packaged for distribution or stored.

Emission Source/Control: S0005 - Process

Emission Source/Control: S0125 - Process

Emission Source/Control: S0126 - Process

Emission Source/Control: S0183 - Process

Emission Source/Control: S0184 - Process

Emission Source/Control: S0185 - Process

Emission Source/Control: S0186 - Process

Item 33.20:

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

Emission Unit: 0-00008

Process: 08A

Source Classification Code: 3-01-018-18

Process Description:

Process 08A includes the insignificant activities associated with the manufacturing of Tedlar(R) Polymer.

Emission Source/Control: S0030 - Process

Emission Source/Control: S127A - Process

Design Capacity: 10,800 gallons

Emission Source/Control: S127B - Process

Design Capacity: 10,800 gallons

Emission Source/Control: S127C - Process

Design Capacity: 10,800 gallons

Item 33.21:

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

Emission Unit: 0-00008

Process: 08C

Source Classification Code: 3-01-018-18



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Process Description:

Process 08C includes sources which emit particulate emissions during the Tedlar Polymer Process.

Emission Source/Control: K0020 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0105 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0106 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0107 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S0020 - Process

Emission Source/Control: S0105 - Process

Emission Source/Control: S0106 - Process

Emission Source/Control: S0107 - Process

Item 33.22:

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

Emission Unit: 0-00009

Process: 009

Source Classification Code: 3-01-018-09

Process Description:

Process 009 includes the sources which result in volatile organic compound (VOC) emissions during the manufacturing of Tedlar(R) - Oriented Line #1. The Tedlar mixture (dimethylacetamide, pigments and additives) is extruded through a die to produce a sheet of Tedlar film. The film is cooled in a quench tank and enters a five zone oven to be heated, cooled, and upon exit is wound on rollers.

Emission Source/Control: K002A - Control
Control Type: WET SCRUBBER

Emission Source/Control: K002B - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: K004A - Control
Control Type: WET SCRUBBER

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Emission Source/Control: S0002 - Process

Emission Source/Control: S0003 - Process

Emission Source/Control: S0022 - Process

Emission Source/Control: S002A - Process

Emission Source/Control: S003A - Process

Emission Source/Control: S004A - Process

Item 33.23:

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

Emission Unit: 0-00009

Process: 09A

Source Classification Code: 3-01-018-09

Process Description:

Process 09A includes the insignificant activities associated with Tedlar(R) - Oriented Line #1. The activities include a chipper, the chip room exhaust, the mix room exhaust, and the corona treating discharge.

Emission Source/Control: S0011 - Process

Emission Source/Control: S0023 - Process

Emission Source/Control: S004B - Process

Emission Source/Control: S0110 - Process

Emission Source/Control: S0112 - Process

Emission Source/Control: S0129 - Process

Emission Source/Control: S0147 - Process

Emission Source/Control: S0148 - Process

Item 33.24:

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

Emission Unit: 0-00009

Process: 09B

Source Classification Code: 3-01-018-08

Process Description:

Process 09B includes VOC storage tanks associated with

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the manufacture of Tedlar(R) - Oriented Line #1. This process includes eight (8) VOC tanks with a capacity of greater than 750 gallons which have been listed in the permit.

Emission Source/Control: S0016 - Process
Design Capacity: 10,077 gallons

Emission Source/Control: S0017 - Process
Design Capacity: 27,165 gallons

Emission Source/Control: S0018 - Process
Design Capacity: 9,880 gallons

Emission Source/Control: S0019 - Process
Design Capacity: 9,880 gallons

Emission Source/Control: S0117 - Process
Design Capacity: 27,165 gallons

Emission Source/Control: S0122 - Process
Design Capacity: 1,650 gallons

Emission Source/Control: S0123 - Process
Design Capacity: 3,384 gallons

Emission Source/Control: S0124 - Process
Design Capacity: 3,384 gallons

Emission Source/Control: S234A - Process
Design Capacity: 10,000 gallons

Emission Source/Control: S234B - Process
Design Capacity: 10,000 gallons

Item 33.25:

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

Emission Unit: 0-00009

Process: 09C

Source Classification Code: 3-01-018-14

Process Description:

Process 09C includes sources which emit particulate emissions during the Tedlar Process.

Emission Source/Control: C004A - Control

Control Type: FABRIC FILTER



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Emission Source/Control: K004B - Control
Control Type: FABRIC FILTER

Emission Source/Control: S004A - Process

Emission Source/Control: S004B - Process

Item 33.26:

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

Emission Unit: 0-00010

Process: 010

Source Classification Code: 3-01-018-10

Process Description:

Process 010 includes the sources which result in volatile organic compound (VOC) emissions from the manufacture of Tedlar(R) - SP Line. A variety of film products may be produced by this coating process. Additionally, this process may use a variety of raw materials that have the same applicable requirements. The emission rate potential and potential to emit information for this process was determined on a compound by compound basis. This was determined by taking the product with the largest potential to emit a given compound and then the potential to emit was estimated assuming the product was produced 8760 hours per year.

Emission Source/Control: K0027 - Control
Control Type: CATALYTIC OXIDATION

Emission Source/Control: S0027 - Process

Emission Source/Control: S0157 - Process

Emission Source/Control: S0166 - Process

Condition 34: Process Permissible Emissions

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 34.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 0-00010

Process: 010



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CAS No: 0NY998-00-0

Name: VOC

PTE(s): 80,000 pounds per year

**Condition 35: Batch vapor and In-line machines: base design requirements
Effective between the dates of 08/13/2007 and 08/12/2012**

Applicable Federal Requirement: 40CFR 63.463, Subpart T

Item 35.1:

This Condition applies to Emission Unit: 0-00003

Process: 003

Item 35.2:

Base Design Requirements. All Batch vapor and in-line machines complying with either the control combinations or the idling emission limit must be equipped with the following:

1. Either an idling mode cover or reduced room draft.
2. A freeboard ratio of 0.75 or greater.
3. Automated parts handling system which moves parts or parts baskets at a speed of 3.4 meters per minute or less.
4. Vapor cleaning machines shall be equipped with automatic shutoff if the sump liquid solvent level drops to the sump heater coils.
5. Vapor cleaning machines shall be equipped with automatic shutoff if the vapor level rises above the primary condenser.
6. Vapor machines shall have a primary condenser.
7. Cleaning machines with a lip exhaust shall use a carbon adsorber to control emissions.

**Condition 36: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012**

Applicable Federal Requirement: 40CFR 63.463(b)(1)(i), Subpart T

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 003

Item 36.2:

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

Each owner or operator of a batch solvent vapor cleaning machine with a solvent/air interface of 1.21 square meters or less shall comply with the requirements specified in 40 CFR §63.463(b)(1)(i).

Employ Option 6 of the possible control combinations listed in Table 1.

Freeboard refrigeration device and freeboard ratio of 1.0

Parameter Monitored: FREEBOARD RATIO

Upper Permit Limit: 1.0 freeboard ratio

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 37: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.463(d), Subpart T

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 003

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator of a new or existing batch vapor solvent cleaning machine shall meet each of the following work and operational practices:

1. Air disturbances across the cleaning machine shall be controlled by either using an idling mode cover or reduced room draft.
2. The parts baskets or the parts being cleaned in an open-top batch vapor cleaning machine shall not occupy



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more than 50% of the solvent/air interface area unless the parts are introduced at a speed of 3 feet per minute or less.

3. All spraying operations are to be done within the vapor zone.
4. Orient parts so that solvent drains freely from them. Parts with holes shall be tipped or rotated before being removed.
5. Parts or parts baskets are not to be removed until dripping has stopped.
6. During startup of vapor machines, the primary condenser shall be turned on before the sump heater.
7. During shutdown of vapor machines, the sump heater shall be turned off before the primary condenser.
8. Solvent shall be transferred to and from machines using leakproof couplings and submerged filling.
9. Equipment shall be operated per manufacturer's specifications.
10. Each operator shall be able to pass the applicable sections of the test of solvent cleaning operating procedures in Appendix A of this subpart.
11. Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers.
12. Sponges, fabric, wood and paper products are not to be cleaned.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 38: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.463(e)(2)(i), Subpart T

Item 38.1:



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Permit ID: 9-1464-00031/00292

Facility DEC ID: 9146400031

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 003

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 38.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

If a freeboard refrigeration device is used to comply with Subpart T, the chilled air blanket temperature (in deg. F), measured at the center of the air blanket with a thermometer or thermocouple, must be no greater than 30 percent of the solvent boiling point.

The temperature of the air blanket above the vapor zone must be measured weekly while the machine is idling.

An exceedance has occurred if the temperature, as monitored, exceeds the 30% threshold and is not corrected within 15 days of detection. Adjustments or repairs shall be made to the solvent cleaning system or control device to reestablish required levels. The temperature shall be remeasured immediately upon adjustment or repair and demonstrated to be within 30% of the solvent boiling point.

Records of the weekly temperature measurement are to be kept on site and shall be maintained in either electronic or written form for a period of five years.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 31.2 degrees Fahrenheit

Monitoring Frequency: WEEKLY

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 1/30/2008.

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



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Condition 39: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.467(a), Subpart T

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 003

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a batch vapor or in-line solvent cleaning machine complying with the provisions in 63.463 shall maintain the following records for the lifetime of the machine:

- 1) Owner's manuals, or if not available, written maintenance and operating procedures for the solvent cleaning machine and control equipment.
- 2) The date of installation for the solvent cleaning machine and all of its control devices. If the exact date for installation is not known, a letter certifying that the machine and control devices were installed prior to November 29, 1993 will suffice.
- 3) Records of the halogenated HAP solvent content for each solvent used in a solvent cleaning machine subject to Subpart T.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 40: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.467(b), Subpart T



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Permit ID: 9-1464-00031/00292

Facility DEC ID: 9146400031

Item 40.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 003

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a batch vapor or in-line solvent cleaning machine complying with 63.463 shall maintain the following records for a period of five years.

1) The results of control device monitoring required under 63.466

2) Information on the actions taken to comply with 63.463(e) and (f) including records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.

3) Estimates of annual solvent consumption for each solvent cleaning machine.

4) If a carbon adsorber is used, records of the date and results of the weekly measurement of the halogenated HAP solvent concentration in the carbon adsorber exhaust required in 63.466(e).

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 41: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.468(f), Subpart T



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Permit ID: 9-1464-00031/00292

Facility DEC ID: 9146400031

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 003

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner/operator of a batch vapor or in-line solvent cleaning machine complying with 63.463 shall submit an annual report by February 1 of the year following the one for which the reporting is being made. The report shall include the following:

1) A signed statement from the facility owner or the designee stating that "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in 63.463(d)(10)"

2) An estimate of solvent consumption for each solvent cleaning machine during the reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 42: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.468(h), Subpart T

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Process: 003

Item 42.2:



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Permit ID: 9-1464-00031/00292

Facility DEC ID: 9146400031

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a batch vapor or in-line solvent cleaning machine shall submit an exceedance report to the Administrator semiannually except when, the Administrator determines on a case-by-case basis that more frequent reporting is necessary to accurately assess the compliance status of the source or, an exceedance occurs. Once an exceedance has occurred the owner or operator shall follow a quarterly reporting format until a request to reduce reporting frequency under 40CFR 63.468(i) is approved. Exceedance reports shall be delivered or postmarked by the 30th day following the end of each calendar half or quarter, as appropriate. The exceedance report shall include the applicable information in paragraphs (1) through (3) of this condition.

(1) Information on the actions taken to comply with §63.463 (e) and (f), if applicable. This information shall include records of written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to accepted levels.

(2) If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.

(3) If no exceedances of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 43: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.462(a)(2), Subpart T

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003 Emission Point: 00058



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Process: 003

Emission Source: S0058

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner/operator of an immersion batch cold cleaning machine shall employ a tightly fitting cover that shall be closed at all times except during parts entry and removal and have a freeboard ratio of 0.75 of greater.

Owner/operator shall also comply with the following work practice standards:

- 1) All waste solvent shall be collected and stored in closed containers.
- 2) If a flexible hose or flushing device is used, flushing shall be performed only within the freeboard area of the solvent cleaning machine.
- 3) Owner/operator shall drain solvent cleaned parts for 15 seconds or until dripping has stopped, whichever is longer. Parts having holes or cavities shall be tipped or rotated during drainage.
- 4) Owner/operator shall ensure that the solvent level does not exceed the fill line.
- 5) Spills during solvent transfer shall be wiped up immediately. The wipe rags shall be stored in covered containers.
- 6) When an air- or pump-agitated solvent bath is used, owner/operator shall ensure that the agitator is operated to produce a rolling motion of the solvent but not observable splashing against the tank walls or parts being cleaned.
- 7) Owner/operator shall ensure that, when the cover is open, the cold cleaning machine is not exposed to drafts greater than 40 meters/minute (132 ft/min), as measured between 1 and 2 meters upwind and at the same elevation as the tank lip.
- 8) Sponges, fabrics, wood, and paper products shall not be cleaned.

Each owner/operator of a batch cold cleaning machine shall



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submit an initial notification report as described in 40CFR63.468(a) or (b) and a compliance report as described in 40CFR63.468(c).

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 44: Reporting requirements for batch cold degreasers
Effective between the dates of 08/13/2007 and 08/12/2012**

Applicable Federal Requirement: 40CFR 63.468(c), Subpart T

Item 44.1:

This Condition applies to Emission Unit: 0-00003 Emission Point: 00058
Process: 003 Emission Source: S0058

Item 44.2:

Each owner/operator of a batch cold solvent cleaning machine shall submit a compliance report. This report shall be submitted no later than 150 days after startup. This report shall include the following items:

- 1) The name and address of the owner/operator
- 2) The address (physical location) of the solvent cleaning machine
- 3) A statement, signed by the owner/operator of the solvent cleaning machine, stating that the solvent cleaning machine for which the report is being submitted is in compliance with the provisions of Subpart T
- 4) The compliance approach for each solvent cleaning machine

**Condition 45: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012**

Applicable Federal Requirement: 6NYCRR 212.11(b)(5)

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009 Emission Point: 0002A
Process: 009 Emission Source: K002A

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

Item 45.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:



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A wet scrubber system is used to remove dimethylacetamide from the air stream. The system is designed and operated to obtain an overall removal efficiency of at least 81 percent and is, therefore, equipped with reasonably available control technology. A control system is used to monitor the scrubber water flow. Alarms are used to indicate when a low water flow condition is present. DuPont shall maintain a control efficiency greater than 81 percent computed on a monthly average. The monthly average shall be calculated using the operating hours and a removal efficiency based on water flow rates. DuPont shall maintain monthly records of the emission calculations and control efficiency determinations to demonstrate compliance.

Parameter Monitored: VOC

Lower Permit Limit: 81 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: CALENDAR MONTH AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 46: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 212.11(b)(4)

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009 Emission Point: 0002A

Process: 009 Emission Source: K002B

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 46.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Owners and/or operators of any source equipped with refrigerated condensers shall install continuous



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temperature monitors and data recorders for the outlet gas temperature by June 1, 1995. Continuous monitors must be operated at all times when the associated process equipment is operating except during any quality assurance and routine maintenance activities.

The process is electrically interlocked to the cooler condenser to monitor for a temperature in excess of 38 degrees Centigrade. If a temperature of greater than 38 degrees is obtained then the system automatically shuts down.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 38 degrees Centigrade (or Celsius)

Monitoring Frequency: CONTINUOUS

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 1/30/2008.

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

Condition 47: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 212.11(b)(5)

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00009 Emission Point: 0004A
Process: 009 Emission Source: K004A

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

Item 47.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

A wet scrubber system is used to remove excess dimethylacetamide from the chipping of Tedlar film. The system is designed and operated to obtain an overall removal efficiency of at least 81 percent and is, therefore, equipped with reasonably available control



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technology. A control system is used to monitor the scrubber water flow. Alarms are used to indicate when a low water flow condition is present. DuPont shall maintain a control efficiency in excess of 81 percent computed on a monthly average. The monthly average shall be calculated using the operating hours and a removal efficiency based on water flow rates. DuPont shall maintain monthly records of the emission calculations and control efficiency determinations to demonstrate compliance.

Parameter Monitored: VOC

Lower Permit Limit: 81 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: CALENDAR MONTH AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 48: Compliance date for existing affected sources.
Effective between the dates of 08/13/2007 and 08/12/2012**

Applicable Federal Requirement: 40CFR 63.3330(a), Subpart JJJJ

Item 48.1:

This Condition applies to Emission Unit: 0-00010

Item 48.2:

An existing affected source subject to the provisions of this subpart, must comply by December 5, 2005. Facility must complete any performance test required in § 63.3360 within the time limits specified in § 63.7(a)(2).

**Condition 49: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012**

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

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP



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Item 49.2:

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 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 vent stream at the nearest feasible point to the inlet and outlet of the catalyst bed. Calculate the temperature rise across the catalyst.

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

Parameter Monitored: TEMPERATURE CHANGE

Lower Permit Limit: 260 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 1/30/2008.

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

Condition 50: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 50.1:



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The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 50.2:

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 1/30/2008.

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

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Condition 51: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.3360(e)(3)(ii)('C'), Subpart JJJJ

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 51.2:

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 catalytic oxidizer to comply with the emission standards in §63.3320, then as an alternative to monitoring the temperature difference across the catalyst bed, the facility may monitor the temperature at the inlet to the catalyst bed and implement a site-specific inspection and maintenance plan for the catalytic oxidizer as specified in §63.3360(e)(3)(ii)(D).

During the performance test, the facility must monitor and record the temperature just before the catalyst bed at least once every 15 minutes during each of the three test runs and use the data collected during the performance test to calculate and record the average temperature just before the catalyst bed during the performance test. This is the minimum operating limit for the catalytic oxidizer.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 260 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 1/30/2008.

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

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Condition 52: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.3360(e)(3)(ii)('D'), Subpart JJJJ

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

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:

If the facility is using a catalytic oxidizer to comply with the emission standards in §63.3320, then the facility must develop and implement a facility-specific inspection and maintenance (I&M) plan for any catalytic oxidizer for which the facility elects to monitor the temperature at the inlet of the catalyst bed as specified in §63.3360(e)(3)(ii)(C).

The I&M plan must address, at a minimum, the following elements:

- 1) Annual sampling and analysis of the catalyst activity (i.e., conversion efficiency) following the manufacturer's or catalyst supplier's recommended procedures,
- 2) Monthly inspection of the oxidizer system including the burner assembly and fuel supply lines for problems, and
- 3) Annual internal and monthly external visual inspection of the catalyst bed to check for channeling, abrasion, and settling. If problems are found, the facility must take corrective action consistent with the manufacturer's recommendations and conduct a new performance test to determine destruction efficiency in accordance with this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



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DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 53: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility chooses to comply with the 0.04 kg organic HAP emitted/kg coating material applied limit as listed in §63.3320(b)(2), the facility must operate a capture system and control device to meet the limit on a monthly average as-applied basis.

If the affected source operates more than one capture system, more than one control device, one or more never-controlled work station, or one or more intermittently-controlled work stations, then the facility must demonstrate compliance in accordance with the provisions in §63.3370(n).

Otherwise, the facility must demonstrate compliance following the procedure in §63.3370(i) when emissions from the affected source are controlled by a solvent recovery device or §63.3370(k) when emissions are controlled by an oxidizer.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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 1/30/2008.

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

Condition 54: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.3370(k)(1), Subpart JJJJ

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facility must demonstrate initial compliance through performance tests of capture efficiency and control device efficiency and continuing compliance through continuous monitoring of capture system and control device operating parameters as specified in paragraphs (i) through (iii) below:

(i) Determine the oxidizer destruction efficiency using the procedure in § 63.3360(e).

(ii) Determine the capture system capture efficiency in accordance with § 63.3360(f).

(iii) Capture and control efficiency monitoring.

Whenever a web coating line is operated, continuously monitor the operating parameters established in accordance with § 63.3350(e) and (f) to ensure capture and control efficiency.

Parameter Monitored: HAP

Lower Permit Limit: 90 percent

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 1/30/2008.

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



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Condition 55: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.3370(k)(2)(i), Subpart JJJJ

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Calculate the overall organic HAP control efficiency achieved using the following equation:

$$R = \frac{(E)(CE)}{100}$$

Where:

R = Overall organic HAP control efficiency, percent.

E = Organic volatile matter control efficiency of the control device, percent.

CE = Organic volatile matter capture efficiency of the capture system, percent.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 56: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.3370(k)(2)(ii), Subpart JJJJ

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Regulated Contaminant(s):



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CAS No: 0NY100-00-0 HAP

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Calculate the organic HAP emitted during the month using Equation 12 of §63.3370.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 57: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 40CFR 63.3370(k)(2)(iv), Subpart JJJJ

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

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:

Calculate the organic HAP emission rate based on coating material applied using Equation 10 of §63.3370.

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 1/30/2008.

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

Condition 58: Compliance Certification
Effective between the dates of 08/13/2007 and 08/12/2012

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

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Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit a semiannual compliance report according to the following schedule:

The first compliance report must cover the period beginning on the compliance date that is specified for the affected source in §63.3330 and ending on June 30 or December 31, whichever date is the first date following the end of the calendar half immediately following the compliance date. The first compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the calendar half immediately following the compliance date.

Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual period from July 1 to December 31. Each subsequent compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

The semiannual compliance report shall contain the following information:

- company name and address
- statement by a responsible official with the official's name, title, and signature certifying the accuracy of the content of the report
- date of report and beginning and ending dates of the reporting period
- if there were no deviations from any emission limitations (emission limit or operating limit) that apply to the facility, a statement that there were no deviations



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from the emission limitations during the reporting period, and that no continuous monitoring system was inoperative, inactive, malfunctioning, out-of-control, repaired, or adjusted.

- for each deviation from an emission limitation (emission limit or operating limit) that applied to the facility and that occurs at an affected source where the facility is not using a continuous emission monitoring system to comply with the emission limitations, the compliance report must contain the total operating time of each affected source during the reporting period, information on the number, duration, and cause of deviations (including known causes), if applicable, and the corrective action taken, information on the number, duration, and cause for CPMS downtime incidents, if applicable, other than downtime associated with zero and span and other calibration checks.

- for each deviation from an emission limit occurring at an affected source where a CEMS is used, the information in §63.3370(c)(2)(vi)(A)-(J) shall be submitted.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 59: Compliance Certification

Effective between the dates of 08/13/2007 and 08/12/2012

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

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

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:

The facility must submit startup, shutdown, and malfunction reports as specified in §63.10(d)(5), except that the provisions in subpart A of this part pertaining

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to startups, shutdowns, and malfunctions do not apply unless a control device is used to comply with this subpart.

(1) If actions taken by an owner or operator during a startup, shutdown, or malfunction of an affected source (including actions taken to correct a malfunction) are not consistent with the procedures specified in the affected source's SSMP required by §63.6(e)(3), the owner or operator must state such information in the report. The startup, shutdown, or malfunction report must consist of a letter containing the name, title, and signature of the responsible official who is certifying its accuracy and must be submitted to the Administrator.

(2) Separate startup, shutdown, and malfunction reports are not required if the information is included in the report specified in paragraph (c)(2)(vi) of this section.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 60: Capping Monitoring Condition
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 60.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-1

Item 60.2:

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

Item 60.3:

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

Item 60.4:



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On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 60.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 60.6:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010 Emission Point: 00027
Process: 010 Emission Source: S0027

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

Item 60.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Total VOC emissions from the Tedlar(R) SP coating process including stack and fugitive emissions, shall not exceed 80,000 lbs/calendar yr. Compliance based on properly operating control equipment and recordkeeping, as follows:

Maintain a daily operating log containing: hours of operation, amount of coating used; total amount of VOC used; calculated amount of stack and fugitive emissions.

Parameter Monitored: VOC

Upper Permit Limit: 80000 pounds per year

Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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



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 61: Contaminant List
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable State Requirement: ECL 19-0301

Item 61.1:

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



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

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY998-00-0

Name: VOC

Condition 62: Unavoidable noncompliance and violations
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable State Requirement: 6NYCRR 201-1.4

Item 62.1:

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



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emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

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

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

Condition 63: Air pollution prohibited
Effective between the dates of 08/13/2007 and 08/12/2012

Applicable State Requirement: 6NYCRR 211.2

Item 63.1:

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.