



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 9-1464-00031/00292
Effective Date: 02/09/2015 Expiration Date: 02/08/2020

Permit Issued To: DUPONT SPECIALTY PRODUCTS USA, LLC
974 CENTRE RD
WILMINGTON, DE 19805

Facility: E I DUPONT YERKES PLANT
3115 RIVER RD
BUFFALO, NY 14207

Description:

The DuPont Yerkes site contains two independent businesses identified as Corian(R) and Tedlar (R), and NAICS codes 326113 and 326191 This is the third renewal of the Title V permit.

Several notable additions to the permit are as follows:

- Integration of previous permit modifications including the applicability of the Federal Miscellaneous Organic National Emission Standard for Hazardous Air Pollutants (NESHAP), Miscellaneous Organic NESHAP (MON), and upgrade of the Tedlar Thermal oxidizer.
- Dupont has committed to reduce vinyl fluoride emissions from the facility to meet Reasonable Available Control Technology (RACT) requirements for a Volatile Organic Compound (VOC) and to meet the toxic exposure guideline values both covered by Title 6 of the New York Code Rules Regulations (NYCRR) Part 212. Conditions for vinyl fluoride are listed under 201-7.
- A RACT variance is being approved for several sources due to unreasonable cost to control emissions. These sources are also regulated by the MON and no control is designated under the federal rule because of low concentration.
- A new pigment system and cold solvent bath subject to NESHAP subpart T with applicable regulations has been included.
- A small, 3 mmbtu/hr boiler subject to the NESHAP, subpart DDDDD with applicable regulations has been included.
- Added Emission point 262 per Dupont letter dated 6/7/12. This source was covered under 6NYCRR Part 201-6.3 as an insignificant emission source. This definition has been removed from part 201, resulting in the addition of this emission point. No equipment subject to these conditions is currently sited at Yerkes, but the conditions will apply to any future needs.
- Added a general condition for internal combustion engines subject the NESHAP ZZZZ standards.
- Added emission point 260, as requested in a minor modification application submitted 9/7/2011.

None of the recent changes other than the planned reduction in vinyl fluoride emissions are significant.

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



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: LISA M CZECHOWICZ
 NYSDEC - REGION 9
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2915

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 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: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2915
(716) 851-7165

New York State Department of Environmental Conservation

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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974 CENTRE RD
WILMINGTON, DE 19805

Facility: E I DUPONT YERKES PLANT
3115 RIVER RD
BUFFALO, NY 14207

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

Permit Effective Date: 02/09/2015

Permit Expiration Date: 02/08/2020



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR 200.3: False statement
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 23 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 24 6 NYCRR 201-6.4 (f) (1): Compliance Certification
- 26 6 NYCRR 212.4 (c): Compliance Certification
- 27 6 NYCRR 212.4 (c): Compliance Certification
- 28 6 NYCRR 212.6 (a): Compliance Certification
- 29 6 NYCRR 212.10: Compliance Certification
- 30 6 NYCRR 229.3 (e) (2) (iv): Compliance Certification
- 31 6 NYCRR 229.3 (e) (2) (v): Compliance Certification
- 32 40CFR 63.7, Subpart A: Performance Testing - New Facility
- 33 40CFR 63, Subpart FFFF: Compliance Certification
- 34 40CFR 63.2450(c)(2), Subpart FFFF: Compliance Certification
- 35 40CFR 63.2480, Subpart FFFF: Compliance Certification
- 36 40CFR 63, Subpart ZZZZ: Applicability
- 37 40CFR 63.6620(b), Subpart ZZZZ: Performance test requirements
- 38 40CFR 63.6650(f), Subpart ZZZZ: Title V and NESHAP reporting

Emission Unit Level

- 39 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 40 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 41 6 NYCRR Subpart 201-7: Process Permissible Emissions
- 42 40CFR 63.2520, Subpart FFFF: Compliance Certification

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EU=0-00003,EP=00055

43 40CFR 63.2450(a), Subpart FFFF: Compliance Certification

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

44 40CFR 63.462(a)(2), Subpart T: Compliance Certification

45 40CFR 63.468(c), Subpart T: Reporting requirements for batch cold degreasers

EU=0-00008

*46 6 NYCRR Subpart 201-7: Capping Monitoring Condition

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

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

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

48 6 NYCRR 212.11 (b) (4): Compliance Certification

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

49 6 NYCRR 212.11 (b) (5): Compliance Certification

EU=0-00010

50 40CFR 63.3330(a), Subpart JJJJ: Compliance date for existing affected sources.

51 40CFR 63.3350(f), Subpart JJJJ: Compliance Certification

52 40CFR 63.3400(c), Subpart JJJJ: Compliance Certification

53 40CFR 63.3400(g), Subpart JJJJ: Compliance Certification

EU=0-00010,Proc=010

*54 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=0-00010,Proc=010,ES=S0258

55 40CFR 63.3370(g), Subpart JJJJ: Compliance Certification

EU=0-00010,EP=00258

56 40CFR 63.3350(e), Subpart JJJJ: Compliance Certification

57 40CFR 63.3360(e), Subpart JJJJ: Compliance Certification

58 40CFR 63.3360(f), Subpart JJJJ: Compliance Certification

59 40CFR 63.3370(e), Subpart JJJJ: Compliance Certification

EU=0-00010,EP=00258,Proc=010,ES=S0258

60 40CFR 63.3370(k)(1), Subpart JJJJ: Compliance Certification

61 40CFR 63.3370(k)(1), Subpart JJJJ: Compliance Certification

EU=0-00261

62 40CFR 63, Subpart A: MACT General Provisions - emission unit level

63 40CFR 63.6630(a), Subpart ZZZZ: Compliance Certification

64 40CFR 63.6650(h), Subpart ZZZZ: Compliance Certification

EU=0-00261,EP=00261

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- 65 40CFR 63.6600(b), Subpart ZZZZ: Compliance Certification
- 66 40CFR 63.6605(a), Subpart ZZZZ: Compliance required at all times
- 67 40CFR 63.6610(a), Subpart ZZZZ: Required date of initial compliance test
- 68 40CFR 63.6625(a), Subpart ZZZZ: Installation, operation and maintenance of continuous emission monitoring system (CEMS)
- 69 40CFR 63.6625(b), Subpart ZZZZ: Compliance Certification
- 70 40CFR 63.6640, Subpart ZZZZ: Compliance Certification
- 71 40CFR 63.6650(b), Subpart ZZZZ: Compliance reports
- 72 40CFR 63.6650(c), Subpart ZZZZ: Contents of compliance reports
- 73 40CFR 63.6650(d), Subpart ZZZZ: Deviation reports
- 74 40CFR 63.6650(e), Subpart ZZZZ: Deviation reporting to be included in compliance reports

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 75 ECL 19-0301: Contaminant List
- 76 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 25 6 NYCRR 211.1: 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: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

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

Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (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 C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (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 D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (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 E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (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 F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)

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

Item G: Property Rights - 6 NYCRR 201-6.4 (a) (6)

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

Item H: Severability - 6 NYCRR 201-6.4 (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 I: Permit Shield - 6 NYCRR 201-6.4 (g)

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

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



facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

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

Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of 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 the 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 section 201- 6.6 of this Subpart.

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 K: 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 L: 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 02/09/2015 and 02/08/2020**

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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

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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 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (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 72-0303.

Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (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 201-6.2 of Part 201.

Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (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 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 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements,



the report shall be contained in the 6 month monitoring report required above.

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual



report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 6: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 6 NYCRR 201-6.4 (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:

- 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 annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section
USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC Region 9 Headquarters
270 Michigan Avenue
Buffalo, NY 14203-2915

The address for the BQA is as follows:

NYSDEC



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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2016.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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

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

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

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

Condition 9: Open Fires - Prohibitions
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 215.2

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Item 9.1:

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

Item 9.2

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

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

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

The following federally enforceable permit conditions are mandatory for all



Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

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

Condition 10: Maintenance of Equipment
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 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 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

Where practical, the owner or operator of 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 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 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 02/09/2015 and 02/08/2020

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

Item 13.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 02/09/2015 and 02/08/2020



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

Item 14.1:

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 15: Requirement to Provide Information
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (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: Right to Inspect
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (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: Off Permit Changes
Effective between the dates of 02/09/2015 and 02/08/2020



Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)

Item 17.1:

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

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

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

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

Condition 19: Accidental release provisions.
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:

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,

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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 20: Recycling and Emissions Reduction
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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 21: False statement
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 200.3

Item 21.1:

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

Condition 22: Emission Unit Definition
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

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

Emission Unit: 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

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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 22.2:

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).

Building(s): 200

Item 22.3:

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).

Building(s): 100

Item 22.4:

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.

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Building(s): siruptower

Item 22.5:

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 22.6:

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 22.7:

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 22.8:

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

Emission Unit: 0-00009

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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) - 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 22.9:

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(R)

Item 22.10:

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

Emission Unit: 0-00261

Emission Unit Description:

Emission unit is described as a backup diesel compressor used to generate compressed air when one of four main electrically powered compressors are down for maintenance.

Building(s): outside

Condition 23: Progress Reports Due Semiannually

Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)

Item 23.1:

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

(i) dates for achieving the activities, milestones, or compliance required in the schedule of



compliance, and dates when such activities, milestones or compliance were achieved; and

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

Condition 24: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 6 NYCRR 201-6.4 (f) (1)

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In accordance with 6NYCRR201-6.4(f) (1), 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

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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 7/30/2015.

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

Condition 26: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 26.1:

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: 0-00002 Process: 02C	Emission Source: 00254
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: K0206
Emission Unit: 0-00002 Process: 02C	Emission Source: K209B

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Emission Unit: 0-00002 Process: 02C	Emission Source: K211A
Emission Unit: 0-00002 Process: 02C	Emission Source: S0210
Emission Unit: 0-00002 Process: 02C	Emission Source: S0255
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: 0-00003 Process: 03C	Emission Source: SO253
Emission Unit: 0-00005 Process: 05C	Emission Source: K0024
Emission Unit: 0-00005 Process: 05C	Emission Source: K0053
Emission Unit: 0-00005 Process: 05C	Emission Source: K0133
Emission Unit: 0-00006 Process: 06C	Emission Source: S0215
Emission Unit: 0-00008 Process: 08C	Emission Source: K0020
Emission Unit: 0-00009 Process: 009	Emission Source: K004A
Emission Unit: 0-00009 Process: 09C	Emission Point: 0004A
Emission Unit: 0-00009 Process: 09C	Emission Point: 0004B
Emission Unit: 0-00009 Process: 09C	Emission Source: S004A

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 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, except during conditions of extreme weather which would prevent safe access to the equipment:
 - (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

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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 7/30/2015.

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

Condition 27: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 6 NYCRR 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: 0-00002 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: K0206
Emission Unit: 0-00002 Process: 02C	Emission Source: K209A

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Emission Unit: 0-00002 Process: 02C	Emission Source: K211A
Emission Unit: 0-00002 Process: 02C	Emission Source: KO243
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: 0-00005 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: 0-00005 Process: 05C	Emission Source: S0133
Emission Unit: 0-00006 Process: 06C	Emission Source: S0215
Emission Unit: 0-00008 Process: 08C	Emission Source: K0020
Emission Unit: 0-00009	Emission Point: 0004A
Emission Unit: 0-00009	Emission Point: 0004B
Emission Unit: 0-00009 Process: 09C	Emission Point: 0004A
Emission Unit: 0-00009 Process: 09C	Emission Point: 0004B

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

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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.
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 7/30/2015.

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

Condition 28: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 28.1:

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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: 0-00002 Process: 02C	Emission Source: 00254
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: K0210
Emission Unit: 0-00002 Process: 02C	Emission Source: S0206
Emission Unit: 0-00002 Process: 02C	Emission Source: S0209
Emission Unit: 0-00002 Process: 02C	Emission Source: S0211
Emission Unit: 0-00002 Process: 02C	Emission Source: S0255
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: 0-00003 Process: 03C	Emission Source: SO253
Emission Unit: 0-00005	

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

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

Emission Unit: 0-00008
Process: 08C Emission Source: K0260

Emission Unit: 0-00008
Process: 08C Emission Source: S0260

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

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

Emission Unit: 0-00010
Process: 010 Emission Source: S0258

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



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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 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 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR 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
Process: 001	Emission Source: S0200
Emission Unit: 0-00002	Emission Point: 00007
Process: 002	Emission Source: S0007



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Emission Unit: 0-00002
Process: 002

Emission Point: 00221
Emission Source: S0221

Emission Unit: 0-00003
Process: 003

Emission Point: 00055
Emission Source: S0055

Emission Unit: 0-00008
Process: 008

Emission Point: 00005
Emission Source: S0005

Emission Unit: 0-00009
Process: 009

Emission Point: 00002
Emission Source: S0002

Emission Unit: 0-00009
Process: 009

Emission Point: 00003
Emission Source: S0003

Emission Unit: 0-00009
Process: 009

Emission Point: 0003A
Emission Source: S003A

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 submitted Dec 20, 2011 included a reasonably available control technology analysis for each emission point which emits volatile organic compounds greater than 3.0 pounds per hour. The 2011 compliance plan identified eight (8) emission points with volatile organic compound emissions greater than 3.0 pounds per



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hour. The RACT analyses demonstrated it was not economically feasible to install control equipment and no modifications are required.

The Department has reviewed the 2011 RACT plan and determined that there is 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 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 6 NYCRR 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: 0-00005 Process: 05B	Emission Source: S0152
Emission Unit: 0-00009 Process: 09B	Emission Source: S0016
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 functioning of the conservation vent on an annual basis. The fill line must be verified to be in functioning condition once every 5 years during internal tank (CBS compliance) inspection. 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 7/30/2015.

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

Condition 31: Compliance Certification

Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 6 NYCRR 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: 0-00001

Process: 01B

Emission Unit: 0-00002

Process: 02B

Emission Unit: 0-00003

Process: 03B

Emission Unit: 0-00004

Process: 04A

Emission Unit: 0-00005

Process: 05B

Emission Unit: 0-00009

Process: 09B



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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 7/30/2015.

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

**Condition 32: Performance Testing - New Facility
Effective between the dates of 02/09/2015 and 02/08/2020**

Applicable Federal Requirement:40CFR 63.7, Subpart A

Item 32.1:

If required to do performance testing by a relevant standard, the owner or operator of the affected source shall perform such testing within 180 days after the effective date of a relevant standard for a new source that has an initial startup date before the effective date of the 112(d)

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standard or within 180 days after the initial startup date for a new source that has an initial startup after the effective date of a relevant standard.

Condition 33: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63, Subpart FFFF

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility is subject to the requirements of 40 CFR Part 63, Subpart FFFF, NESHAP for Miscellaneous Organic Chemical Manufacturing. The facility owns or operates miscellaneous organic chemical manufacturing process units (MCPU's) and is a major source of hazardous air pollutant (HAP) emissions. MCPU's are defined in Subpart FFFF as a unit which includes any equipment necessary to operate a miscellaneous organic chemical manufacturing process as defined in §63.2550, that satisfies all of the conditions listed in §63.2435(b)(1)-(3).

For the purpose of the Miscellaneous Organic NESHAP (MON) assessment, DuPont-Yerkes Corian manufacturing is divided into four chemical manufacturing process units (MCPU); Sirup (MCPU #1 -receipt of raw materials and partially polymerized MMA), Sheetline #1 (MCPU #2, standalone casting line for sheet), Sheetline # 2 (MCPU #3, standalone casting line for sheet) and Shape (MCPU # 4, casting of sinks).

The subject HAP is Methyl Methacrylate (MMA) and is used in the manufacture of Corian. Two continuous process vents in Corian identified as 0007A and 256, casting pool vents on sheet line 1 and 2, respectively, must be controlled.

A leak detection and repair (LDAR) monitoring program is required for all leak components in "HAP" service at the facility. An analysis performed by Dupont determined that no controls or monitoring are required for storage tank vents, transfer racks, wastewater streams, or heat exchange systems. This analysis is included in the Initial Notice of Compliance Report Dated September 25, 2009.



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Appropriate records shall be maintained that demonstrate non applicability of the control requirements for storage tank vents, transfer racks, waste water streams and heat exchange systems as well as applicable requirements to the facility.

You must meet the reporting, notification , and recordkeeping requirements specified in sections 63.2515, 63.2520, and 63.2525

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 34: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.2450(c)(2), Subpart FFFF

Item 34.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-00002

Emission Unit: 0-00003

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 34.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

1)The Corian sheet lines # 1 and #2, casting pool vents 7A and 256, defined as group 1 continuous process vents, are vented to a regenerative thermal oxidizer (RTO) and exit emission point # 257. The compliance date specified in 40 CFR 63.2445 was extended to October 15, 2010 under Executive Consent Order, # R9-20090506-28, with NYSDEC and this was met.

2)The RTO must meet the requirements in this section of the regulation which include a minimum destruction

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efficiency of 98% or outlet concentration less than or equal to 20 ppmv as organic HAP. A stack test on September 9th, 2010 demonstrated compliance with this requirement at an operating temperature of less than 1450 F. Total Hydrocarbon ERP was equal to 7.69 pounds per hour.

3)Temperature of the RTO outlet will be continuously monitored and recorded. A temperature monitoring device shall be installed in the fire box or in the duct work immediately downstream of the fire box in a position before any substantial heat exchange occurs. Compliance will be based on a one hour average temperature not less than 1450 Degrees F recorded and calculated as follows: A record of values measured at least once every 15 minutes or each measured value for systems which measure more frequently than once every 15 minutes. An automated CPMS records the measured data and calculates the hourly averages through the use of a computerized data acquisition system.

4)The operations identified above must be in compliance with the emission limits and work practice standards in Table 1 and 7 to this subpart at all times, except during start up, shutdown and malfunction (SSM).

A copy of the SSM plan was submitted to this office prior to operation of the RTO.

All records shall be kept for 5 years. Compliance reports are required semi annually and must include the information specified in 40 CFR 63.2520(e).

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1450 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.2480, Subpart FFFF

Item 35.1:
The Compliance Certification activity will be performed for the Facility.

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

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Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This section of the rule requires Leak Detection And Repair (LDAR) monitoring for all equipment leak components in "HAP" service. Dupont was granted a one year extension for compliance with this rule. The initial compliance status report was submitted prior to October 7, 2009.

The initial compliance report received September 29, 2009 addresses the requirements of 40 cfr 63.2520(d).

The facility must meet the work practice requirements specified in Table 6 of the subpart. All equipment identified in the compliance status report is subject to routine monitoring and repair per 40 cfr 63 subpart UU. The 9/29/2009 initial compliance report identifies the affected process units, number of each equipment type, method of compliance with the standard, and planned schedule per 40 cfr 63.1039(a)(1)(i) thru (iv).

Compliance reports due semi annually.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 36: Applicability

Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 36.1:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.

Condition 37: Performance test requirements

Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.6620(b), Subpart ZZZZ

Item 37.1:



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Each performance test must be conducted according to the requirements that subpart ZZZZ specifies in Table 4. The owner or operator of a non-operational stationary RICE that is subject to performance testing does not need to start up the engine solely to conduct the performance test. Owners and operators of a non-operational engine can conduct the performance test when the engine is started up again. The test must be conducted at any load condition within plus or minus 10 percent of 100 percent load for the stationary RICE listed in paragraphs (1) through (4).

- (1) Non-emergency 4SRB stationary RICE with a site rating of greater than 500 brake HP located at a major source of HAP emissions.
- (2) New non-emergency 4SLB stationary RICE with a site rating of greater than or equal to 250 brake HP located at a major source of HAP emissions.
- (3) New non-emergency 2SLB stationary RICE with a site rating of greater than 500 brake HP located at a major source of HAP emissions.
- (4) New non-emergency CI stationary RICE with a site rating of greater than 500 brake HP located at a major source of HAP emissions.

**Condition 38: Title V and NESHAP reporting
Effective between the dates of 02/09/2015 and 02/08/2020**

Applicable Federal Requirement:40CFR 63.6650(f), Subpart ZZZZ

Item 38.1:

Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6 (a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). If an affected source submits a Compliance report pursuant to Table 7 of this subpart along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), and the Compliance report includes all required information concerning deviations from any emission or operating limitation in this subpart, submission of the Compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a Compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permit authority.

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

**Condition 39: Emission Point Definition By Emission Unit
Effective between the dates of 02/09/2015 and 02/08/2020**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 39.1:

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

Emission Unit: 0-00001

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Emission Point: 00032
Height (ft.): 24 Length (in.): 44 Width (in.): 17
NYTMN (km.): 4764.351 NYTME (km.): 180.597 Building: 300

Emission Point: 00097
Height (ft.): 4 Diameter (in.): 6
NYTMN (km.): 4764.339 NYTME (km.): 180.592 Building: 300

Emission Point: 00099
Height (ft.): 4 Diameter (in.): 4
NYTMN (km.): 4764.341 NYTME (km.): 180.587 Building: 300

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.): 4764.326 NYTME (km.): 180.575 Building: 300

Emission Point: 00165
Height (ft.): 22 Length (in.): 20 Width (in.): 16
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 300

Emission Point: 00200
Height (ft.): 29 Diameter (in.): 18
NYTMN (km.): 4764.318 NYTME (km.): 180.57 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 39.2:

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

Emission Unit: 0-00002

Emission Point: 00007
Height (ft.): 35 Length (in.): 30 Width (in.): 48
NYTMN (km.): 4764.397 NYTME (km.): 180.49 Building: 200

Emission Point: 00008
Height (ft.): 56 Diameter (in.): 6
NYTMN (km.): 4764.416 NYTME (km.): 180.507 Building: 200

Emission Point: 0007A
Height (ft.): 23 Diameter (in.): 14
NYTMN (km.): 4764.404 NYTME (km.): 180.493 Building: 200

Emission Point: 00120
Height (ft.): 18 Diameter (in.): 1

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	NYTMN (km.): 4764.413	NYTME (km.): 180.509	Building: 200
Emission Point: 00130			
Height (ft.): 80		Diameter (in.): 4	
NYTMN (km.): 4764.42	NYTME (km.): 180.514	Building: 200	
Emission Point: 00134			
Height (ft.): 80		Diameter (in.): 4	
NYTMN (km.): 4764.418	NYTME (km.): 180.53	Building: 200	
Emission Point: 00135			
Height (ft.): 30	Length (in.): 14	Width (in.): 18	
NYTMN (km.): 4764.411	NYTME (km.): 180.535	Building: 200	
Emission Point: 00137			
Height (ft.): 68	Length (in.): 22	Width (in.): 15	
NYTMN (km.): 4764.62	NYTME (km.): 180.729	Building: 200	
Emission Point: 00139			
Height (ft.): 30	Diameter (in.): 1		
NYTMN (km.): 4764.411	NYTME (km.): 180.512	Building: 200	
Emission Point: 00172			
Height (ft.): 37	Diameter (in.): 12		
NYTMN (km.): 4764.394	NYTME (km.): 180.517	Building: 200	
Emission Point: 00180			
Height (ft.): 10	Diameter (in.): 14		
NYTMN (km.): 4764.338	NYTME (km.): 180.486	Building: 200	
Emission Point: 00195			
Height (ft.): 120	Diameter (in.): 4		
NYTMN (km.): 4764.338	NYTME (km.): 180.486	Building: 200	
Emission Point: 00198			
Height (ft.): 33	Diameter (in.): 10		
NYTMN (km.): 4764.377	NYTME (km.): 180.45	Building: 200	
Emission Point: 00202			
Height (ft.): 14	Diameter (in.): 24		
NYTMN (km.): 4764.426	NYTME (km.): 180.523	Building: 200	
Emission Point: 00203			
Height (ft.): 120	Diameter (in.): 4		
NYTMN (km.): 4764.4	NYTME (km.): 180.512	Building: 200	
Emission Point: 00204			
Height (ft.): 120	Diameter (in.): 6		
NYTMN (km.): 4764.4	NYTME (km.): 180.506	Building: 200	
Emission Point: 00205			
Height (ft.): 50	Diameter (in.): 1		



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NYTMN (km.): 4764.405 NYTME (km.): 180.518 Building: 200

Emission Point: 00206
 Height (ft.): 97 Diameter (in.): 4
 NYTMN (km.): 4764.392 NYTME (km.): 180.499 Building: 200

Emission Point: 00207
 Height (ft.): 56 Diameter (in.): 36
 NYTMN (km.): 4764.387 NYTME (km.): 180.498 Building: 200

Emission Point: 00208
 Height (ft.): 42 Diameter (in.): 30
 NYTMN (km.): 4764.388 NYTME (km.): 180.493 Building: 200

Emission Point: 00209
 Height (ft.): 5 Diameter (in.): 8
 NYTMN (km.): 4764.315 NYTME (km.): 180.481 Building: 200

Emission Point: 00210
 Height (ft.): 12 Diameter (in.): 6
 NYTMN (km.): 4764.404 NYTME (km.): 180.47 Building: 200

Emission Point: 00211
 Height (ft.): 5 Diameter (in.): 8
 NYTMN (km.): 4764.338 NYTME (km.): 180.486 Building: 200

Emission Point: 00221
 Height (ft.): 35 Length (in.): 30 Width (in.): 48
 NYTMN (km.): 4764.338 NYTME (km.): 180.486 Building: 200

Emission Point: 00243
 Height (ft.): 4 Diameter (in.): 4
 NYTMN (km.): 4764.338 NYTME (km.): 180.486 Building: 200

Emission Point: 00254
 Height (ft.): 53 Diameter (in.): 6
 NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 200

Emission Point: 00255
 Height (ft.): 41 Diameter (in.): 4
 NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 200

Emission Point: 00259
 Height (ft.): 22 Diameter (in.): 14
 NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 300

Emission Point: 00268
 Height (ft.): 26 Diameter (in.): 2
 NYTMN (km.): 4764.4 NYTME (km.): 180.512 Building: 200

Item 39.3:

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

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Emission Unit: 0-00003

Emission Point: 00054
Height (ft.): 108 Diameter (in.): 4
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 100

Emission Point: 00055
Height (ft.): 50 Diameter (in.): 38
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 100

Emission Point: 00056
Height (ft.): 30 Diameter (in.): 4
NYTMN (km.): 4764.462 NYTME (km.): 180.488 Building: 100

Emission Point: 00057
Height (ft.): 50 Diameter (in.): 26
NYTMN (km.): 4765.12 NYTME (km.): 180.429 Building: 100

Emission Point: 00058
Height (ft.): 30 Diameter (in.): 11
NYTMN (km.): 4764.46 NYTME (km.): 180.478 Building: 100

Emission Point: 00059
Height (ft.): 12 Diameter (in.): 6
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: 100

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.): 4764.458 NYTME (km.): 180.491

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 Diameter (in.): 10
NYTMN (km.): 4764.447 NYTME (km.): 180.47 Building: 100

Emission Point: 00141
Height (ft.): 33 Diameter (in.): 4
NYTMN (km.): 4764.454 NYTME (km.): 180.495 Building: 100

Emission Point: 00158



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Height (ft.): 50	Diameter (in.): 19	
NYTMN (km.): 4764.32	NYTME (km.): 180.429	Building: 100
Emission Point: 00159		
Height (ft.): 50	Diameter (in.): 20	
NYTMN (km.): 4764.32	NYTME (km.): 180.429	Building: 100
Emission Point: 00160		
Height (ft.): 50	Diameter (in.): 29	
NYTMN (km.): 4764.32	NYTME (km.): 180.429	Building: 100
Emission Point: 00167		
Height (ft.): 87	Diameter (in.): 5	
NYTMN (km.): 4764.32	NYTME (km.): 180.429	Building: 100
Emission Point: 00253		
Height (ft.): 65	Diameter (in.): 6	
NYTMN (km.): 4764.32	NYTME (km.): 180.429	Building: 100
Emission Point: 00257		
Height (ft.): 50	Length (in.): 18	Width (in.): 39
NYTMN (km.): 4764.32	NYTME (km.): 180.429	

Item 39.4:

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.): 4764.414	NYTME (km.): 180.487	Building: siruptower
Emission Point: 00161		
Height (ft.): 70	Diameter (in.): 6	
NYTMN (km.): 4764.42	NYTME (km.): 180.493	Building: siruptower

Item 39.5:

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	Building: outside
Emission Point: 00021		
Height (ft.): 10	Length (in.): 12	Width (in.): 19
NYTMN (km.): 4764.62	NYTME (km.): 180.729	Building: tank farm
Emission Point: 00024		
Height (ft.): 64	Length (in.): 12	Width (in.): 18
NYTMN (km.): 4764.62	NYTME (km.): 180.729	Building: outside

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Emission Point: 00053
Height (ft.): 64 Diameter (in.): 12
NYTMN (km.): 4764.62 NYTME (km.): 180.729 Building: outside

Emission Point: 00133
Height (ft.): 6 Diameter (in.): 4
NYTMN (km.): 4764.398 NYTME (km.): 180.468 Building: RAW MAT.

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 39.6:

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.): 4764.393 NYTME (km.): 180.403 Building: 100

Emission Point: 00199
Height (ft.): 10 Diameter (in.): 4
NYTMN (km.): 4764.338 NYTME (km.): 180.486 Building: 700

Emission Point: 00215
Height (ft.): 13 Diameter (in.): 22
NYTMN (km.): 4764.299 NYTME (km.): 180.593

Emission Point: 00264
Height (ft.): 10 Diameter (in.): 28
NYTMN (km.): 4764.338 NYTME (km.): 180.486 Building: 700

Item 39.7:

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

Emission Unit: 0-00008

Emission Point: 00005



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Height (ft.): 24 Diameter (in.): 4
 NYTMN (km.): 4764.677 NYTME (km.): 180.818 Building: 4140

Emission Point: 00020
 Height (ft.): 30 Length (in.): 19 Width (in.): 24
 NYTMN (km.): 4764.679 NYTME (km.): 180.807 Building: 4140

Emission Point: 00030
 Height (ft.): 27 Diameter (in.): 1
 NYTMN (km.): 4764.7 NYTME (km.): 180.815 Building: 4140

Emission Point: 00107
 Height (ft.): 11 Diameter (in.): 3
 NYTMN (km.): 4764.667 NYTME (km.): 180.81 Building: 4140

Emission Point: 00125
 Height (ft.): 23 Diameter (in.): 2
 NYTMN (km.): 4764.693 NYTME (km.): 180.83 Building: 4140

Emission Point: 00126
 Height (ft.): 60 Diameter (in.): 10
 NYTMN (km.): 4764.704 NYTME (km.): 180.819 Building: 4140

Emission Point: 00183
 Height (ft.): 9 Length (in.): 20 Width (in.): 20
 NYTMN (km.): 4764.705 NYTME (km.): 180.822 Building: 4140

Emission Point: 00184
 Height (ft.): 9 Length (in.): 20 Width (in.): 20
 NYTMN (km.): 4764.7 NYTME (km.): 180.826 Building: 4140

Emission Point: 00185
 Height (ft.): 9 Length (in.): 20 Width (in.): 20
 NYTMN (km.): 4764.697 NYTME (km.): 180.829 Building: 4140

Emission Point: 00186
 Height (ft.): 9 Length (in.): 20 Width (in.): 20
 NYTMN (km.): 4764.69 NYTME (km.): 180.834 Building: 4140

Emission Point: 00260
 Height (ft.): 30 Diameter (in.): 14
 NYTMN (km.): 4764.3 NYTME (km.): 180.43 Building: 4140

Item 39.8:

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

Emission Unit: 0-00009

Emission Point: 00002
 Height (ft.): 37 Diameter (in.): 36
 NYTMN (km.): 4764.644 NYTME (km.): 180.76 Building: 4140

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Emission Point: 00003	Height (ft.): 29	Length (in.): 36	Width (in.): 54
	NYTMN (km.): 4764.32	NYTME (km.): 180.429	Building: 4140
Emission Point: 00011	Height (ft.): 53	Length (in.): 37	Width (in.): 55
	NYTMN (km.): 4764.65	NYTME (km.): 180.765	Building: 4140
Emission Point: 00016	Height (ft.): 10	Length (in.): 12	Width (in.): 18
	NYTMN (km.): 4764.683	NYTME (km.): 180.744	Building: src
Emission Point: 00017	Height (ft.): 10	Length (in.): 12	Width (in.): 18
	NYTMN (km.): 4764.695	NYTME (km.): 180.743	Building: src
Emission Point: 00018	Height (ft.): 10	Length (in.): 12	Width (in.): 18
	NYTMN (km.): 4764.676	NYTME (km.): 180.736	Building: src
Emission Point: 00019	Height (ft.): 10	Length (in.): 12	Width (in.): 18
	NYTMN (km.): 4764.679	NYTME (km.): 180.74	Building: src
Emission Point: 00022	Height (ft.): 7	Diameter (in.): 12	
	NYTMN (km.): 4764.665	NYTME (km.): 180.775	Building: 4140
Emission Point: 00023	Height (ft.): 26	Length (in.): 16	Width (in.): 12
	NYTMN (km.): 4764.643	NYTME (km.): 180.771	Building: 4140
Emission Point: 0002A	Height (ft.): 48	Length (in.): 11	Width (in.): 13
	NYTMN (km.): 4764.653	NYTME (km.): 180.761	Building: 4140
Emission Point: 0003A	Height (ft.): 37	Length (in.): 36	Width (in.): 54
	NYTMN (km.): 4764.62	NYTME (km.): 180.726	Building: 4140
Emission Point: 0004A	Height (ft.): 45	Diameter (in.): 10	
	NYTMN (km.): 4764.583	NYTME (km.): 180.73	Building: 4140
Emission Point: 0004B	Height (ft.): 45	Diameter (in.): 6	
	NYTMN (km.): 4764.585	NYTME (km.): 180.732	Building: 4140
Emission Point: 00110	Height (ft.): 28	Diameter (in.): 42	
	NYTMN (km.): 4764.582	NYTME (km.): 180.726	Building: 4140

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Emission Point: 00112
Height (ft.): 51 Length (in.): 32 Width (in.): 40
NYTMN (km.): 4764.673 NYTME (km.): 180.784 Building: 4140

Emission Point: 00117
Height (ft.): 3 Diameter (in.): 4
NYTMN (km.): 4764.701 NYTME (km.): 180.749 Building: src

Emission Point: 00122
Height (ft.): 1 Diameter (in.): 2
NYTMN (km.): 4764.668 NYTME (km.): 180.724 Building: src

Emission Point: 00123
Height (ft.): 3 Diameter (in.): 2
NYTMN (km.): 4764.67 NYTME (km.): 180.716 Building: src

Emission Point: 00124
Height (ft.): 3 Diameter (in.): 2
NYTMN (km.): 4764.667 NYTME (km.): 180.721 Building: src

Emission Point: 00128
Height (ft.): 10 Diameter (in.): 4
NYTMN (km.): 4764.671 NYTME (km.): 180.719 Building: src

Emission Point: 00129
Height (ft.): 28 Length (in.): 8 Width (in.): 9
NYTMN (km.): 4764.551 NYTME (km.): 180.668 Building: 4140

Emission Point: 00147
Height (ft.): 52 Length (in.): 46 Width (in.): 67
NYTMN (km.): 4764.663 NYTME (km.): 180.788 Building: 4140

Emission Point: 00148
Height (ft.): 35 Length (in.): 36 Width (in.): 49
NYTMN (km.): 4764.587 NYTME (km.): 180.728 Building: TEDLAR(R)

Item 39.9:

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

Emission Unit: 0-00010

Emission Point: 00157
Height (ft.): 5 Length (in.): 28 Width (in.): 14
NYTMN (km.): 4764.64 NYTME (km.): 180.771 Building: TEDLAR(RSP)

Emission Point: 00166
Height (ft.): 10 Diameter (in.): 10
NYTMN (km.): 4764.606 NYTME (km.): 180.754 Building: 4140

Emission Point: 00252
Height (ft.): 63 Diameter (in.): 2
NYTMN (km.): 4764.62 NYTME (km.): 180.775 Building: TEDLAR(RSP)

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Emission Point: 00258
Height (ft.): 75 Diameter (in.): 52
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: TEDLAR(RSP)

Item 39.10:

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

Emission Unit: 0-00261

Emission Point: 00261
Height (ft.): 10 Length (in.): Width (in.):
NYTMN (km.): 4764.32 NYTME (km.): 180.429 Building: outside

Condition 40: Process Definition By Emission Unit
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 40.1:

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 40.2:

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.

In addition, this process includes "process vessels" which are used primarily for pigments. DuPont utilizes many

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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 201-6.4(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 40.3:

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 40.4:

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

Emission Source/Control: S0097 - Process

Emission Source/Control: S0099 - Process

Item 40.5:

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

Emission Unit: 0-00002

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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: S0221 - Process

Emission Source/Control: S0257 - Process

Item 40.6:

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

Emission Unit: 0-00002

Process: 020

Source Classification Code: 4-02-021-40

Process Description:

Baghouse associated with the Sheetline #1. It is a source of particulate emissions.

Emission Source/Control: K243A - Control

Control Type: FABRIC FILTER

Emission Source/Control: K243B - Control

Control Type: FABRIC FILTER

Emission Source/Control: SO243 - Process

Item 40.7:

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 201-6.4(f), DuPont is required to maintain a site inventory to identify the



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: S0180 - Process

Emission Source/Control: S0198 - Process

Emission Source/Control: S0205 - Process

Emission Source/Control: S0207 - Process

Emission Source/Control: S0208 - Process

Item 40.8:

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 40.9:

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:

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

Emission Source/Control: 00254 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 00255 - Control

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Control Type: FABRIC FILTER

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: K0210 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K133C - Control
Control Type: FABRIC FILTER

Emission Source/Control: K133D - 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
Control Type: FABRIC FILTER

Emission Source/Control: S0008 - Process

Emission Source/Control: S0130 - Process

Emission Source/Control: S0203 - Process

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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: S0238 - Process

Emission Source/Control: S0254 - Process

Emission Source/Control: S0255 - Process

Emission Source/Control: S133A - Process

Emission Source/Control: SO243 - Process

Item 40.10:

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 a batch cold degreaser and associated methylene chloride emissions.

Emission Source/Control: S0055 - Process

Emission Source/Control: S0058 - Process

Item 40.11:

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

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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 201-6.4(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 40.12:

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

Emission Source/Control: S0060 - Process

Design Capacity: 1,000 gallons

Item 40.13:

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) on Sheet Line #2.

Emission Source/Control: K0054 - Control

Control Type: FABRIC FILTER

Emission Source/Control: K0059 - Control

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Control Type: FABRIC FILTER

Emission Source/Control: K0100 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0167 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0253 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K167A - Control
Control Type: FABRIC FILTER

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

Emission Source/Control: SO253 - Process

Item 40.14:

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 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 201-6.4(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 40.15:



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 40.16:

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

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: 12,000 gallons

Item 40.17:

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

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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: S0015 - Process

Emission Source/Control: S0024 - Process

Emission Source/Control: S0053 - Process

Emission Source/Control: S0133 - Process

Item 40.18:

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

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: S0114 - Process

Emission Source/Control: S0199 - Process

Emission Source/Control: S0222 - Process

Item 40.19:

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 40.20:

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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 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 40.21:

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: S127C - Process

Design Capacity: 10,800 gallons

Item 40.22:

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

Emission Unit: 0-00008



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Process: 08C Source Classification Code: 3-01-018-18

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: K0107 - Control
Control Type: FABRIC FILTER

Emission Source/Control: K0260 - Control
Control Type: FABRIC FILTER

Emission Source/Control: S0020 - Process

Emission Source/Control: S0107 - Process

Emission Source/Control: S0260 - Process

Item 40.23:

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

Emission Source/Control: S0002 - Process

Emission Source/Control: S0003 - Process

Emission Source/Control: S0022 - Process

Emission Source/Control: S002A - Process

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Emission Source/Control: S003A - Process

Emission Source/Control: S004A - Process

Item 40.24:

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

Emission Source/Control: S245A - Process

Emission Source/Control: S245B - Process

Item 40.25:

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 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

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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 40.26:

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

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

Emission Source/Control: S004A - Process

Emission Source/Control: S004B - Process

Item 40.27:

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

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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: S0258 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: K0258 - Process

Emission Source/Control: S0027 - Process

Emission Source/Control: S0157 - Process

Emission Source/Control: S0166 - Process

Item 40.28:

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

Emission Unit: 0-00261
Process: 261 Source Classification Code: 2-02-001-02
Process Description: Emergency generator

Emission Source/Control: S0261 - Combustion
Design Capacity: 1,000 horsepower (mechanical)

Condition 41: Process Permissible Emissions
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 41.1:

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

CAS No: 0NY998-00-0
Name: VOC
PTE(s): 80,000 pounds per year

Condition 42: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.2520, Subpart FFFF

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Item 42.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-00002

Emission Unit: 0-00003

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must submit compliance reports which contain the information listed in §63.2520(e)(1)-(10) semiannually according to the schedule listed in §63.2520(b).

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 43: Compliance Certification

Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.2450(a), Subpart FFFF

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Emission Point: 00055

Regulated Contaminant(s):

CAS No: 000080-62-6

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EPA consent decree, civil action No. 1:13-cv-00810-WMS, requires a stack test of emission point 55 for methy methacrylate emissions. The purpose is to verify emission rate and update TRI data as necessary. Also to determine if recalcualtion of the total resource effectivness (TRE) value and applicability of 40 cfr PArt 63 subpart FFFF, National Emission Standards for Hazardous Air Pollutants:

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Miscellaneous Organic Chemical Manufacturing, requirements are being met. Protocol submissions, and other requirements relative to the test are stipulated in the order. Per the order, by no later than January 31, 2016, provide a stack test protocol for approval to EPA. Complete stack test within 60 days of EPA written approval of the stack test protocol. Within 60 days of the completion of the stack test submit the test report to EPA. Update TRE data and recalculate Total Resource Effectiveness as required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 44: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00003

Emission Point: 00058

Process: 003

Emission Source: S0058

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 44.2:

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 or 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.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 45: Reporting requirements for batch cold degreasers Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 45.1:

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

Item 45.2:

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

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Regulated Contaminant(s):

CAS No: 000075-02-5 ETHENE, FLUORO

Item 46.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Emission Unit 8 includes operations related to the use of Vinyl Fluoride (VF), which is produced off-site. VF is polymerized at this facility and the polymer is decanted, filtered, and dried with uncontrolled emissions vented thru several emission points associated with this emission unit. Air dispersion modeling has determined that the emissions exceed the acceptable long term guidance value of 4.5 ug/m³ established under the Departments Air guide 1 document. There is no short term guidance value for VF at this time. E. I. DuPont Yerkes has determined by use of air dispersion modeling that a 15000 pound per year facility wide VF emission cap as described in this condition will insure compliance with the VF guidance value stated above.

Process changes will reduce VF emissions to below 25000 lbs/yr beginning Jan 1, 2015 and to 15000 lbs/yr beginning January 1, 2016. The caps will be determined on a rolling 12 month basis. Emission reduction projects, to be installed in 2014 and 2015, will achieve these reductions. These projects involve increasing the recapture of VF from the process before vent 5, and from the maintenance vents, 125 and 126. these process changes are considered pollution prevention through advanced engineering.

Total VF emissions from the Tedlar(R) Polymer Process including stack and fugitive emissions shall not exceed the annual caps listed above. Compliance is based on properly operating process equipment and sampling once per permit term. The following record keeping applies:

1) A sample of the slurry will be taken prior to the flash tank (vent #5) to verify VF concentration. Assume all VF is flashed off to determine emissions from vent #5, unless data approved by NYSDEC is submitted to prove otherwise. Sample once after modifications are complete and after sample plan is approved, and once per year thereafter. Submit a report of findings within 45 days after receipt of results of completed sampling.

2) Determine the known VOC Emissions from vent #5 using production parameters and known emission relationships. At



least once each hour, record the values of the following parameters: Pressure and Temperature in the low pressure slurry separators, vinyl fluoride and medium flow rates to the PVF reactor, reactor seal water flow rate, and operating status of low pressure separator pump, #1 and #2 (on or off).

3) If the process data historian system is not functioning and not recording the parameters required for calculating emissions, then an engineering estimate will be used to estimate the emissions from vent 5, until the parameter recording resumes. Using the emission model based on steady-state conditions, determine the hourly VOC emissions from the flash tank vent 5 during the previous calendar month in lb/hr.

4) Estimate the VF emissions from the maintenance headers, vents #125 and 126, using process and equipment parameters. Using the estimated volumes held by each equipment section, calculate emissions during the previous month (in lb/month).

5) Calculate the fugitive VF emissions using DuPont engineering practices and component leak factors for each equipment component, including VF unload and storage. Calculate the VF emissions (including vent 30, 125, 126, 127A and C, 183, 184, 185, and 186) during the previous calendar in lb/month.

6) Record the VF emissions from any accidental releases during the previous calendar month in lb/month.

7) Calculate the VF emissions from the facility during the previous calendar month by summing the previous contributions.

8) Calculate the 12 month rolling VF emissions from the facility by summing the monthly VF emissions for the previous consecutive 12 months.

The semiannual summary report shall contain the following: monthly VF emissions from the polyvinyl fluoride process for the previous 12-month period; 12 month rolling VF emissions for each 12 month period ending during the reporting period; and all instances of deviations from the requirements of this condition as well as a discussion on the reason for the deviation and corrective action taken to prevent the deviation from occurring again.



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Parameter Monitored: ETHENE, FLUORO
Upper Permit Limit: 15000 pounds per year
Monitoring Frequency: DAILY
Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 47: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 47.1:

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 47.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Extruder and Orienting wet scrubber system is used to remove dimethylacetamide (DMAc) 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. DMAc is readily miscible in water producing high efficiency removal in this system. Stack testing has demonstrated compliance. A control system is used to monitor the scrubber water flow using pump status. Alarms are used to indicate when a low water flow condition is present. In addition, DMAc concentration in the scrubber liquor is measured once per day to determine appropriate time to replenish the liquor. A water flow meter will be installed by 1/1/2016 and minimum flow levels will be incorporated into the standard operating procedures manual. 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 monitored system parameters. DuPont shall maintain the scrubber in operation at all times that the casting oven is in operation. Monthly records of the emission calculations and control efficiency determinations must be maintained



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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 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 48: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 48.1:

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 48.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

This emission source is equipped with a refrigerated condenser with continuous temperature monitor and data recording for the outlet gas temperature. 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 7/30/2015.

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

Condition 49: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 49.1:

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 49.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The bead trim wet scrubber system is used to remove excess dimethylacetamide (DMAc) from the chipping of Tedlar film. The system is similar to the Extruder and Orienting system scrubber (ES K002A), and is designed and operated to obtain an overall removal efficiency of at least 81 percent and is, therefore, equipped with reasonably available control technology. DMAc is readily miscible in water producing high efficiency removal in this system. A stack test on January 26th, 2012 demonstrated an average removal efficiency of 99.97%. A control system is used to monitor the scrubber water flow using pump status. Alarms are used to indicate when a low water flow condition is present. In addition DMAc concentration in the scrubber liquor is measured once per shift to determine appropriate time to replenish the liquor. 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 monitored system parameters. DuPont shall maintain monthly records of the emission calculations and control efficiency determinations to demonstrate compliance. DuPont shall maintain the scrubber in operation at all times that the bead trim chipper is in operation.

Parameter Monitored: VOC
Lower Permit Limit: 81 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: CALENDAR MONTH AVERAGE

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

**Condition 50: Compliance date for existing affected sources.
Effective between the dates of 02/09/2015 and 02/08/2020**

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

Item 50.1:

This Condition applies to Emission Unit: 0-00010

Item 50.2:

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 51: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020**

Applicable Federal Requirement:40CFR 63.3350(f), 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 TOTAL HAP

Item 51.2:

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

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parameter value or range of values that demonstrate compliance with the emission standards in §63.3320. The specified operating parameter value or range of values must represent the conditions present when the capture system is being properly operated and maintained.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 52: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.3400(c), 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 TOTAL HAP

Item 52.2:

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.

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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 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 7/30/2015.

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

Condition 53: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 53.1:

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The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 53.2:

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 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 54: Capping Monitoring Condition
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 54.1:

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:

6 NYCRR Subpart 231-13

Item 54.2:



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

Item 54.3:

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 54.4:

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

Item 54.5:

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 54.6:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Process: 010

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 54.7:

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 weekly record of the total time of coating operation, total amount of coating solutions and VOC's consumed, and calculated amount of stack and fugitive emissions.

Parameter Monitored: VOC's

Upper Permit Limit: 80000 pounds per year



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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 7/30/2015.

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

Condition 55: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Process: 010

Emission Source: S0258

Regulated Contaminant(s):

CAS No: ONY100-00-0 TOTAL HAP

Item 55.2:

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 56: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010 Emission Point: 00258

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

Item 56.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

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

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

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 800 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 57: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 57.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00010 Emission Point: 00258

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

Item 57.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

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

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

Reference Test Method: see description
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 59: Compliance Certification

Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Emission Point: 00258

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must operate a capture system and control device and demonstrate an overall organic HAP control efficiency of at least 95% for each month, or operate a capture system and oxidizer so that an outlet organic HAP concentration of no greater than 20 ppmv by compound on a dry basis is achieved as long as the capture efficiency is 100% as detailed in §63.3320(b)(4).

The facility must demonstrate compliance in accordance with §63.3370(i) when emissions from the affected source are controlled by a solvent recovery device.

The facility must demonstrate compliance in accordance with §63.3370(j) when emissions from the affected source are controlled by a control device with a continuous parameter monitoring system (CPMS).

The facility must demonstrate compliance in accordance with §63.3370(k) when emissions from the affected source are controlled by an oxidizer.

If the affected source has only always-controlled work stations and operates more than one capture system or more than one control device, the facility must demonstrate compliance in accordance with the provisions of §63.3370(n) or (p).

If the affected source operates one or more never-controlled work stations or one or more



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intermittently-controlled work stations, the facility must demonstrate compliance in accordance with the provisions in §63.3370(n).

Monitoring Frequency: MONTHLY
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 60: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010

Emission Point: 00258

Process: 010

Emission Source: S0258

Item 60.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Facility has demonstrated initial compliance through performance tests of capture efficiency and control device efficiency and must show 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.

The rule stipulates a minimum operating temperature for the oxidizer of 800C (1472F) with a 3 hour temperature average period. Temperature is continuously recorded. The low set point is 1480F and when tripped will stop the web coating line operation.



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Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1472 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 3-hour average
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 61: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

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

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00010 Emission Point: 00258
Process: 010 Emission Source: S0258

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

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facility has demonstrated initial compliance through performance tests of capture efficiency and control device efficiency and must show 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.

This source was last stack tested on September 15th, 2010 and results demonstrated compliance with the capture and destruction efficiency requirement of 95%. Results reflected an average of 99.2% capture and destruction efficiency.

The EPA consent decree, civil action 1:13-cv-00810-WMS, requires a stack test of the source to verify destruction efficiency and to establish the minimum operating

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temperature to meet the requirements of 40 CFR Part 63, subpart JJJJ, Paper and other Web Coating MACT. Protocol submissions, and other requirements relative to the test are stipulated in the order. Per the order, by no later than January 31, 2016, provide a stack test protocol for approval to EPA. Complete stack test within 60 days of EPA written approval of the stack test protocol. Within 60 days of the completion of the stack test submit the test report to EPA. Update temperature operating limits in the permit as necessary.

Stack testing once per permit term will verify capture and destruction efficiency as well as proper operating temperature of the oxidizer.

Lower Permit Limit: 95 percent
Reference Test Method: RM 25A and 204
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 62: MACT General Provisions - emission unit level
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 40 CFR 63, Subpart A

Item 62.1:
This Condition applies to Emission Unit: 0-00261

Item 62.2:
This emission unit is subject to the applicable provisions of 40 CFR 63 Subpart A. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 63: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 40 CFR 63.6630(a), Subpart ZZZZ

Item 63.1:
The Compliance Certification activity will be performed for:

Emission Unit: 0-00261

Item 63.2:
Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A facility complying with the formaldehyde concentration limit using continuous parameter monitoring system (CPMS) and not using nonselective catalytic reduction for a new or reconstructed non-emergency compression ignition engine with a site rating greater than 500 brake horsepower located at a major source of HAP emissions will demonstrate initial compliance if each of the following is met:

- 1) The average formaldehyde concentration, corrected to 15 percent O₂, dry basis, from the three test runs is less than or equal to the formaldehyde emission limitation, and
- 2) The facility has installed a CPMS to continuously monitor operating parameters approved by the Administrator (if any) according to the requirements in 40 CFR 63.6625(b), and
- 3) The facility has recorded the approved operating parameters (if any) during the initial performance test.

The results of the initial compliance demonstration shall be submitted in the Notification of Compliance Status as required in 40 CFR 63.6645.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 64: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 40CFR 63.6650(h), Subpart ZZZZ

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00261

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary RICE with a site rating greater than 100 brake horsepower that operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes



specified in 40 CFR 63.6640(f)(2)(ii) and (iii) or that operates for the purpose specified in 40 CFR 63.6640(f)(4)(ii) must submit an annual report according to the requirements in (1) through (3).

(1) The report must contain the following information:

(i) Company name and address where the engine is located.

(ii) Date of the report and beginning and ending dates of the reporting period.

(iii) Engine site rating and model year.

(iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.

(v) Hours operated for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii), including the date, start time, and end time for engine operation for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii).

(vi) Number of hours the engine is contractually obligated to be available for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii).

(vii) Hours spent for operation for the purpose specified in 40 CFR 63.6640(f)(4)(ii), including the date, start time, and end time for engine operation for the purposes specified in 40 CFR 63.6640(f)(4)(ii). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.

(viii) If there were no deviations from the fuel requirements in 40 CFR 63.6604 that apply to the engine (if any), a statement that there were no deviations from the fuel requirements during the reporting period.

(ix) If there were deviations from the fuel requirements in 40 CFR 63.6604 that apply to the engine (if any), information on the number, duration, and cause of deviations, and the corrective action taken.

(2) The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.

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(3) The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in 40 CFR 63.13.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 65: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.6600(b), Subpart ZZZZ

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00261

Emission Point: 00261

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a new or reconstructed compression ignition (CI) stationary RICE with a site rating of more than 500 brake horsepower located at a major source of HAP emissions must either limit the concentration of formaldehyde or reduce CO emissions.

Emissions of CO must be reduced by 70% or more based on the average of three 1-hour runs.

The facility must also meet and maintain the applicable operating limits listed in table 2b of subpart ZZZZ.

Initial compliance will be demonstrated according to the provisions in 40 CFR 63.6630.

If the facility does not use a CO CEMS, the RICE will be required to conduct subsequent performance tests as

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specified in 40 CFR 63.6615, which requires performance tests to be conducted according to the provisions in 40 CFR 63.6620 semiannually. After the facility has demonstrated compliance for two consecutive tests, the facility may reduce the frequency of subsequent performance tests to annually. If the results of any subsequent annual performance test indicate the stationary RICE is not in compliance with the CO percent reduction limit, or if the facility deviates from any operating limits, the facility must resume semiannual performance tests.

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655 and submit the notifications and reports listed in 40 CFR 63.6645 and 63.6650.

Parameter Monitored: CARBON MONOXIDE
Lower Permit Limit: 70 percent reduction by weight
Reference Test Method: see table 4.1 of subpart ZZZZ
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2015.
Subsequent reports are due every 6 calendar month(s).

Condition 66: Compliance required at all times
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.6605(a), Subpart ZZZZ

Item 66.1:

This Condition applies to Emission Unit: 0-00261 Emission Point: 00261

Item 66.2:

Facility must be in compliance with the emission limitations and operating limitations in 40 CFR 63 Subpart ZZZZ that apply to them at all times.

Condition 67: Required date of initial compliance test
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.6610(a), Subpart ZZZZ

Item 67.1:

This Condition applies to Emission Unit: 0-00261 Emission Point: 00261

Item 67.2:

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The owner or operator of a stationary RICE with a site rating of more than 500 brake horsepower located at a major source of HAP emissions must conduct the initial performance test or other initial compliance demonstrations in Table 4 of 40 CFR 63 Subpart ZZZZ that apply to it within 180 days after the compliance date that is specified for their stationary RICE as listed in 40 CFR 63.6595 and according to the provisions in 40 CFR 63.7(a)(2).

**Condition 68: Installation, operation and maintenance of continuous emission monitoring system (CEMS)
Effective between the dates of 02/09/2015 and 02/08/2020**

Applicable Federal Requirement:40CFR 63.6625(a), Subpart ZZZZ

Item 68.1:

This Condition applies to Emission Unit: 0-00261 Emission Point: 00261

Item 68.2:

Facilities that elect to install a CEMS as specified in Table 5 of subpart ZZZZ, must install, operate, and maintain a CEMS to monitor CO and either oxygen or CO₂ according to the requirements in paragraphs (1) through (4). For facilities meeting a requirement to reduce CO emissions, the CEMS must be installed at both the inlet and outlet of the control device. For facilities meeting a requirement to limit the concentration of CO, the CEMS must be installed at the outlet of the control device.

(1) Each CEMS must be installed, operated, and maintained according to the applicable performance specifications of 40 CFR part 60, appendix B.

(2) The owner or operator must conduct an initial performance evaluation and an annual relative accuracy test audit (RATA) of each CEMS according to the requirements in 40 CFR 63.8 and according to the applicable performance specifications of 40 CFR part 60, appendix B as well as daily and periodic data quality checks in accordance with 40 CFR part 60, appendix F, procedure 1.

(3) As specified in 40 CFR 63.8(c)(4)(ii), each CEMS must complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period. The owner or operator must have at least two data points, with each representing a different 15-minute period, to have a valid hour of data.

(4) The CEMS data must be reduced as specified in 40 CFR 63.8(g)(2) and recorded in parts per million or parts per billion (as appropriate for the applicable limitation) at 15 percent oxygen or the equivalent CO₂ concentration.

**Condition 69: Compliance Certification
Effective between the dates of 02/09/2015 and 02/08/2020**

Applicable Federal Requirement:40CFR 63.6625(b), Subpart ZZZZ

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Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00261

Emission Point: 00261

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facilities required to install a continuous parameter monitoring system (CPMS) as specified in Table 5 of subpart ZZZZ must install, operate, and maintain each CPMS according to the requirements in paragraphs (1) through (6). For an affected source that is complying with the emission limitations and operating limitations on March 9, 2011, the requirements in this paragraph are applicable September 6, 2011.

(1) The owner or operator must prepare a site-specific monitoring plan that addresses the monitoring system design, data collection, and the quality assurance and quality control elements outlined in paragraphs (i) through (v) and in 40 CFR 63.8(d). As specified in 40 CFR 63.8(f)(4), the owner or operator may request approval of monitoring system quality assurance and quality control procedures alternative to those specified in 40 CFR 6625(b)(1) through (5) in the site-specific monitoring plan.

(i) The performance criteria and design specifications for the monitoring system equipment, including the sample interface, detector signal analyzer, and data acquisition and calculations;

(ii) Sampling interface (e.g., thermocouple) location such that the monitoring system will provide representative measurements;

(iii) Equipment performance evaluations, system accuracy audits, or other audit procedures;

(iv) Ongoing operation and maintenance procedures in accordance with provisions in 40 CFR 63.8(c)(1)(ii) and (c)(3); and

(v) Ongoing reporting and recordkeeping procedures in accordance with provisions in 40 CFR 63.10(c), (e)(1), and (e)(2)(i).

(2) The owner or operator must install, operate, and maintain each CPMS in continuous operation according to

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the procedures in the site-specific monitoring plan.

(3) The CPMS must collect data at least once every 15 minutes (see also 40 CFR 63.6635).

(4) For a CPMS for measuring temperature range, the temperature sensor must have a minimum tolerance of 2.8 degrees Celsius (5 degrees Fahrenheit) or 1 percent of the measurement range, whichever is larger.

(5) The owner or operator must conduct the CPMS equipment performance evaluation, system accuracy audits, or other audit procedures specified in your site-specific monitoring plan at least annually.

(6) The owner or operator must conduct a performance evaluation of each CPMS in accordance with the site-specific monitoring plan.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 70: Compliance Certification

Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.6640, Subpart ZZZZ

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: 0-00261

Emission Point: 00261

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility has a stationary reciprocating internal combustion engine (RICE) that is meeting the formaldehyde concentration limit in §63.6600 and is using a control other than oxidation catalyst or non-selective catalytic reduction to control the formaldehyde emissions, then the facility must:

1- Conduct semiannual performance tests for formaldehyde to demonstrate that the emissions remain at or below the

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formaldehyde concentration limit; and

2- Collect the approved operating parameter (if any) data according to §63.6625(b); and

3- Reduce the data to 4-hour rolling averages; and

4- Maintain the 4-hour rolling averages within the operating limits for the operating parameters established during the performance test.

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2015.

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

Condition 71: Compliance reports
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement: 40CFR 63.6650(b), Subpart ZZZZ

Item 71.1:

This Condition applies to Emission Unit: 0-00261 Emission Point: 00261

Item 71.2:

Unless the EPA Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the owner or operator must submit each report by the date in Table 7 of subpart ZZZZ and according to the requirements in paragraphs (1) through (9).

(1) For semiannual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified for the affected source in 40 CFR 63.6595 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for the source in 40 CFR 63.6595.

(2) For semiannual Compliance reports, the first Compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified for the affected source in 40 CFR 63.6595.

(3) For semiannual Compliance reports, each subsequent Compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

(4) For semiannual Compliance reports, 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.

(5) For each stationary RICE that is subject to permitting regulations pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6 (a)(3)(iii)(A), the owner or operator may

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submit the first and subsequent Compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (1) through (4) above.

(6) For annual Compliance reports, the first Compliance report must cover the period beginning on the compliance date that is specified for the affected source in 40 CFR 63.6595 and ending on December 31.

(7) For annual Compliance reports, the first Compliance report must be postmarked or delivered no later than January 31 following the end of the first calendar year after the compliance date that is specified for the affected source in 40 CFR 63.6595.

(8) For annual Compliance reports, each subsequent Compliance report must cover the annual reporting period from January 1 through December 31.

(9) For annual Compliance reports, each subsequent Compliance report must be postmarked or delivered no later than January 31.

Condition 72: Contents of compliance reports
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.6650(c), Subpart ZZZZ

Item 72.1:

This Condition applies to Emission Unit: 0-00261 Emission Point: 00261

Item 72.2:

The Compliance report must contain the information in paragraphs (1) through (6).

- (1) Company name and address.
- (2) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.
- (3) Date of report and beginning and ending dates of the reporting period.
- (4) If the facility had a malfunction during the reporting period, the compliance report must include the number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.6605(b), including actions taken to correct a malfunction.
- (5) If there are no deviations from any emission or operating limitations that apply to the facility, a statement that there were no deviations from the emission or operating limitations during the reporting period.
- (6) If there were no periods during which the continuous monitoring system (CMS), including CEMS and CPMS, was out-of-control, as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CMS was out-of-control during the reporting period.



Condition 73: Deviation reports
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.6650(d), Subpart ZZZZ

Item 73.1:

This Condition applies to Emission Unit: 0-00261 Emission Point: 00261

Item 73.2:

For each deviation from an emission or operating limitation that occurs for a stationary RICE where the facility is not using a CMS to comply with the emission or operating limitations in this subpart, the Compliance report must contain the information in paragraphs (1) through (4) below and the information in 40 CFR 63.6650 (d)(1) and (2).

(1) The total operating time of the stationary RICE at which the deviation occurred during the reporting period.

(2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

Condition 74: Deviation reporting to be included in compliance reports
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable Federal Requirement:40CFR 63.6650(e), Subpart ZZZZ

Item 74.1:

This Condition applies to Emission Unit: 0-00261 Emission Point: 00261

Item 74.2:

For each deviation from an emission or operating limitation occurring for a stationary RICE where the facility is using a CMS to comply with the emission and operating limitations in 40 CFR 63 Subpart ZZZZ, the compliance report must include information in paragraphs 40 CFR 63.6650(c)(1) through (4) and (1) through (12) below.

(1) The date and time that each malfunction started and stopped.

(2) The date, time, and duration that each CMS was inoperative, except for zero (low-level) and high-level checks.

(3) The date, time, and duration that each CMS was out-of-control, including the information in 40 CFR 63.8(c)(8).

(4) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of malfunction or during another period.

(5) A summary of the total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during that reporting period.

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- (6) A breakdown of the total duration of the deviations during the reporting period into those that are due to control equipment problems, process problems, other known causes, and other unknown causes.
- (7) A summary of the total duration of CMS downtime during the reporting period, and the total duration of CMS downtime as a percent of the total operating time of the stationary RICE at which the CMS downtime occurred during that reporting period.
- (8) An identification of each parameter and pollutant (CO or formaldehyde) that was monitored at the stationary RICE.
- (9) A brief description of the stationary RICE.
- (10) A brief description of the CMS.
- (11) The date of the latest CMS certification or audit.
- (12) A description of any changes in CMS, processes, or controls since the last reporting period.



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: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 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: 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



Applicable State Requirement:6 NYCRR 201-1.4

Item 76.1:

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

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

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

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

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

Condition 25: Air pollution prohibited
Effective between the dates of 02/09/2015 and 02/08/2020

Applicable State Requirement:6 NYCRR 211.1

Item 25.1:

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.