



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-1122-00063/00151
Effective Date: 01/28/2014 Expiration Date: 01/27/2019

Permit Issued To: PALL CORPORATION
25 HARBOR PARK DR
PORT WASHINGTON, NY 11050-4664

Contact: DANIEL KEEFE
PALL TRINITY MICRO
3643 ST RTE 281
CORTLAND, NY 13045
(607) 758-4468

Facility: PALL TRINITY MICRO
3643 ST RTE 281 - NW CORNER @ MCLEAN RD
CORTLAND, NY 13045

Contact: GRACE E BENNETT
PALL TRINITY MICRO
3643 ST RTE 281
CORTLAND, NY 13045
(607) 758-4224

Description:
Pall Trinity Micro (PTM) manufactures disposable and cleanable filter elements, filtration systems, filter housings, and metal filter media. Many operations are performed including filter bubble point testing, metal forming, development and testing of filters and manufacturing technologies, filter drying, filter part QA/QC testing, filter forward flow testing, hydrostatic testing, metal filter parts or media surface preparation, metal media forming, metal sheet and mesh coating, sintering, solvent extraction, and welding

The facility is comprised of two major buildings. Both buildings have space devoted to offices; support services; laboratory operations; research and development (R&D) operations; and manufacturing operations. The buildings recently had name changes. Pall Cortland North was formerly known as the PED building. Pall Cortland Main was formerly known as the PTM building. Several divisions are located at the site including Pall Trinity Micro (PTM), which is manufacturing; SLS, which is laboratory operations; and R&D.

Operation Descriptions

Filter bubble point testing: Filters are immersed in alcohol, plugged and tested for quality with air pressure



Metal forming: Metal sheets and bar stock are shaped into filter parts and filter system components

Development and testing of filters and manufacturing technologies: Proprietary R&D activities

Filter drying: Filters wetted with alcohol and/or water are dried in a warm atmosphere

Filter part QA/QC testing: Metal parts are test to ensure proper standards in construction and material are met

Filter forward flow testing: Filters are infused with alcohol to test for quality

Hydrostatic testing: Water is used to test the integrity of filter systems

Metal filter parts or media surface preparation: Metal surfaces have the carbon removed using an acid bath

Metal media laydown: Metal fibers/powders are prepared and put on screens/forms for the manufacture of media

Metal mesh coating: The application of leafing aluminum paste to screens used in sintering

Metal sheet coating: A silica or alumina slurry is applied to metal sheets used to separate media during manufacturing

Solvent Extraction: A solvent (methylene chloride) is used to carry off soluble matter trapped in the filters; a cleaning process.

Sintering: Metal particles are brought to just below their melting point, softening and fusing them together to form a solid sheet

Welding: Handheld and automatic TiG and MiG welding

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: **JOSEPH M DLUGOLENSKI**
1285 FISHER AVE
CORTLAND, NY 13045-1090

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 7 SUBOFFICE - CORTLAND



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 7
SUBOFFICE - CORTLAND
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 7 Sub-office
Division of Environmental Permits
1285 Fisher Avenue
Cortland, NY 13045-1090
(607) 753-3095

New York State Department of Environmental Conservation

Permit ID: 7-1122-00063/00151

Facility DEC ID: 7112200063



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: PALL CORPORATION
25 HARBOR PARK DR
PORT WASHINGTON, NY 11050-4664

Facility: PALL TRINITY MICRO
3643 ST RTE 281 - NW CORNER @ MCLEAN RD
CORTLAND, NY 13045

Authorized Activity By Standard Industrial Classification Code:
3569 - GEN INDUSTRIAL MACHINERY, NEC

Permit Effective Date: 01/28/2014

Permit Expiration Date: 01/27/2019



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 Subpart 201-6: Emission Unit Definition
 - 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
 - 23 6 NYCRR 201-6.4 (f) (2): Compliance Certification
 - 24 6 NYCRR 211.1: Air pollution prohibited
 - 25 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
 - 26 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
 - 27 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
 - 28 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
 - 29 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
 - 30 6 NYCRR 212.10 (c) (4) (iii): Compliance Certification
- #### Emission Unit Level
- 31 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
 - 32 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=P-UNITA,Proc=M33

- 33 6 NYCRR 212.4 (c): Compliance Certification
- 34 6 NYCRR 228-1.3 (a): Compliance Certification
- 35 6 NYCRR 228-1.3 (b): Compliance Certification
- 36 6 NYCRR 228-1.3 (c): Compliance Certification
- 37 6 NYCRR 228-1.3 (d): Compliance Certification
- 38 6 NYCRR 228-1.3 (e): Compliance Certification
- 39 6 NYCRR 228-1.3 (e): Compliance Certification
- 40 6 NYCRR 228-1.4 (b) (4): Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 7-1122-00063/00151

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- 41 6 NYCRR 228-1.5 (a): Compliance Certification
- 42 6 NYCRR 228-1.6 (c): Compliance Certification

EU=P-UNITA,Proc=M55

- 43 6 NYCRR 212.4 (a): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 44 ECL 19-0301: Contaminant List
- 45 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 46 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

EU=P-UNITA,Proc=M56

- 47 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications



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

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, 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: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

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



Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (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 D: 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 E: 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 F: 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 G: 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 H: 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 I: 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 J: 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 K: 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. If additional applicable requirements under the Act become applicable where this permit's remaining term is



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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



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

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 01/28/2014 and 01/27/2019

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 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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019**

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 01/28/2014 and 01/27/2019**

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 shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2014.
Subsequent reports are due every 6 calendar month(s).



Condition 6: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

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.

New York State Department of Environmental Conservation

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iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

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

The address for the RAPCE is as follows:

NYSDEC Region 7 Headquarters
615 Erie Boulevard, West
Syracuse, NY 13204-2400

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2015.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

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

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Permit ID: 7-1122-00063/00151

Facility DEC ID: 7112200063



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

Condition 8: Recordkeeping requirements
Effective between the dates of 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR 215.2

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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

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 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:

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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 01/28/2014 and 01/27/2019

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,

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 01/28/2014 and 01/27/2019

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: Emission Unit Definition
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

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Item 21.1:

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

Emission Unit: P-UNITA

Emission Unit Description:

This Emission Unit includes all manufacturing processes at the facility, except for process M28, which is in emission unit U-FEALD.

Building(s): PC M, N
PC MAIN
PC NORTH

Item 21.2:

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

Emission Unit: U-FEALD

Emission Unit Description:

This emission unit consists of a bubble point tank and Grieve oven in support of the manufacture of iron aluminide filter elements.

Building(s): PC MAIN

Condition 22: Progress Reports Due Semiannually

Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 22.1:

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 23: Compliance Certification

Effective between the dates of 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (2)

Item 23.1:

The Compliance Certification activity will be performed for the Facility.

Item 23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



Operational Flexibility Protocol for making changes

New construction and changes to existing sources

Construction of new air contamination sources and associated equipment or changes to existing sources and equipment may commence as long as the following terms are met.

1. The new construction or change will not cause the facility to become subject to additional applicable requirements.
2. The owner or operator must identify all potential pollutants, including A-rated contaminants, hazardous air pollutants, VOCs, and non-VOC contaminants. A-rated contaminants are those contaminants listed with a "high" toxicity in the Department's most recent Air-Guide 1 (DAR-1) guidance document.
3. A new source will not have an emission rate potential of 3 pounds per hour or greater VOCs.
4. The emission rate potential of any A-rated contaminant emitted from the new or changed source must be less than 1 pound per hour.
5. The emission rate potential of any non-VOC contaminant emitted from the new or changed source and not given an A-rating must be less than 10 pounds per hour.
6. A change to an existing source with an emission rate potential of less than 3 pounds per hour will not cause the emission rate potential of that source to increase to 3 pounds per hour or greater VOCs.
7. A change to an existing source with an emission rate potential of greater than 3 pounds per hour will not cause the application of Part 212.10 VOC RACT to become economically feasible based on the current approved RACT analysis.
8. The new construction or change will not establish a new emission unit.
9. The new construction or change must not cause the exceedance of an emission cap or limitation.
10. Any increase in potential emissions for any existing contaminant or any emissions of a new contaminant must



pass an Air Guide 1 (DAR-1) screening analysis of total facility emissions for that contaminant.

11. Documentation for any existing source that is physically moved within the facility with no new contaminants or increase in emission levels will be submitted to the Department in the facility's semiannual monitoring report.

12. When a new emission point, emission source, and/or process is planned, all of the data for these items that would be required on an application form for a permit modification must be submitted to the Department at least seven days prior to commencing construction or change unless otherwise granted by the Department. When an emission source is replaced, all data for the new sources is required unless the equipment is an exact replacement.

A summary of all activities conducted under this operational flexibility shall be reported in the facility's semiannual monitoring report required pursuant to 6 NYCRR 210-6.5(c)(3). The annual compliance certification required pursuant to 6 NYCRR 201-6.5(e) shall also include compliance certifications for new construction and modifications subject to an applicable requirement(s).

If all of the above items cannot be met for any proposed new construction or other change, then the owner or operator must apply for and obtain a permit modification prior to commencing the new construction or change.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 24: Air pollution prohibited
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR 211.1

Item 24.1:

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

Condition 25: Compliance Certification



Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 25.1:

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

Emission Unit: P-UNITA
Process: M22

Emission Unit: P-UNITA
Process: M24

Emission Unit: P-UNITA
Process: M26

Emission Unit: P-UNITA
Process: M55

Emission Unit: U-FEALD
Process: M28

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

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Total VOC emissions from these processes are limited to
86 tons per year on a 12 month rolling basis. Monthly and
12 month total VOC emissions for each month must be
reported semi-annually.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: VOC's

Parameter Monitored: VOC

Upper Permit Limit: 86 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 26: Compliance Certification

Effective between the dates of 01/28/2014 and 01/27/2019

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

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Item 26.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: P-UNITA

Emission Unit: U-FEALD

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

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total VOC emissions from these emission units are limited to 138 tons per year on a 12 month rolling basis. Monthly and 12 month total VOC emissions for each VOC emitting process must be recorded each month and reported semi-annually.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: VOC's

Parameter Monitored: VOC

Upper Permit Limit: 138 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 27: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 27.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: P-UNITA
Process: M22

Emission Unit: P-UNITA
Process: M24

Emission Unit: P-UNITA
Process: M25

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Emission Unit: P-UNITA
Process: M26

Emission Unit: P-UNITA
Process: M27

Emission Unit: U-FEALD
Process: M28

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

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall continue the procedures and employee training that have been implemented in regard to the items listed below. In addition monthly evaluations for these items shall be performed and documented. Records of deficiencies and corrective actions shall be kept. Reports shall be submitted on a semi-annual basis.

1. All bubble point test tanks must be covered when not in use; including break times, weekends, and holidays.
2. Replace damaged covers on bubble point test tanks.
3. Store VOC containing materials in sealed drums.
4. Seal material transfer equipment penetrations in containers.
5. Ensure that VOC laden filters are drained, vacuum drawn, or flushed prior to oven drying.

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 7/30/2014.

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

Condition 28: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 28.1:

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

Emission Unit: P-UNITA
Process: M22

Emission Unit: P-UNITA
Process: M24

Emission Unit: P-UNITA
Process: M25

Emission Unit: P-UNITA
Process: M26

Emission Unit: P-UNITA
Process: M27

Emission Unit: U-FEALD
Process: M28

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

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee must continue to evaluate ways to reduce VOC emissions from the facility. Reports on progress made toward reducing VOC emissions must be submitted to the Department 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 7/30/2014.

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

Condition 29: Compliance Certification

Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 29.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: P-UNITA
Process: M22

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Emission Unit: P-UNITA
Process: M24

Emission Unit: P-UNITA
Process: M25

Emission Unit: P-UNITA
Process: M26

Emission Unit: P-UNITA
Process: M27

Emission Unit: U-FEALD
Process: M28

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:

The permittee shall submit a VOC RACT analysis, for 6NYCRR Part 212.10 affected processes, upon application for Title V permit renewal.

Note: The latest VOC RACT plan, dated July 2010, has been submitted for the current Title V renewal application (Ren 1). The next updated RACT plan is due upon the Title V permit renewal for Ren 2, or Title V permit modification for Part 212.10 affected processes.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Certification

Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 30.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: P-UNITA
Process: M22

Emission Unit: P-UNITA
Process: M24

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Emission Unit: P-UNITA
Process: M25

Emission Unit: P-UNITA
Process: M26

Emission Unit: P-UNITA
Process: M27

Emission Unit: U-FEALD
Process: M28

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:

VOC RACT variance permit conditions relative to 6NYCRR Part212.10(c)(4)(iii) will be submitted as a revision to the State Implementation Plan and are subject to EPA approval.

Additional information must be reported if required relative to EPA review. Any required information reports must be submitted within a timeframe specified by EPA or the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 31: Emission Point Definition By Emission Unit
Effective between the dates of 01/28/2014 and 01/27/2019**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 31.1:

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

Emission Unit: P-UNITA

Emission Point: PA008

Height (ft.): 21

Diameter (in.): 6

NYTMN (km.): 4715.219

NYTME (km.): 400.322

Building: PC MAIN

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Emission Point: PA010
Height (ft.): 24 Diameter (in.): 8
NYTMN (km.): 4715.229 NYTME (km.): 400.311 Building: PC MAIN

Emission Point: PA039
Height (ft.): 29 Diameter (in.): 12
NYTMN (km.): 4715.229 NYTME (km.): 400.349 Building: PC MAIN

Emission Point: PA040
Height (ft.): 37 Diameter (in.): 22
NYTMN (km.): 4715.172 NYTME (km.): 400.329 Building: PC MAIN

Emission Point: PA042
Height (ft.): 28 Diameter (in.): 18
NYTMN (km.): 4715.227 NYTME (km.): 400.343 Building: PC MAIN

Emission Point: PA043
Height (ft.): 27 Diameter (in.): 10
NYTMN (km.): 4715.222 NYTME (km.): 400.354 Building: PC MAIN

Emission Point: PA044
Height (ft.): 25 Diameter (in.): 5
NYTMN (km.): 4715.223 NYTME (km.): 400.287 Building: PC MAIN

Emission Point: PA046
Height (ft.): 31 Diameter (in.): 14
NYTMN (km.): 4715.215 NYTME (km.): 400.289 Building: PC MAIN

Emission Point: PA050
Height (ft.): 20 Diameter (in.): 16
NYTMN (km.): 4715.269 NYTME (km.): 400.312 Building: PC MAIN

Emission Point: PA098
Height (ft.): 18 Diameter (in.): 10
NYTMN (km.): 4715.247 NYTME (km.): 400.363 Building: PC MAIN

Emission Point: PA105
Height (ft.): 27 Length (in.): 15 Width (in.): 13
NYTMN (km.): 4715.256 NYTME (km.): 400.381 Building: PC MAIN

Emission Point: PA148
Height (ft.): 23 Diameter (in.): 12
NYTMN (km.): 4715.257 NYTME (km.): 400.34 Building: PC MAIN

Emission Point: PA149
Height (ft.): 33 Diameter (in.): 14
NYTMN (km.): 4715.252 NYTME (km.): 400.328 Building: PC MAIN

Emission Point: PA206
Height (ft.): 27 Diameter (in.): 22
NYTMN (km.): 4715.267 NYTME (km.): 400.315 Building: PC MAIN

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Emission Point: PA207			
Height (ft.): 27	Diameter (in.): 22		
NYTMN (km.): 4715.272	NYTME (km.): 400.317	Building: PC MAIN	
Emission Point: PA208			
Height (ft.): 28	Diameter (in.): 22		
NYTMN (km.): 4715.268	NYTME (km.): 400.319	Building: PC MAIN	
Emission Point: PA220			
Height (ft.): 19	Diameter (in.): 8		
NYTMN (km.): 4715.261	NYTME (km.): 400.308	Building: PC MAIN	
Emission Point: PA235			
Height (ft.): 37	Diameter (in.): 12		
NYTMN (km.): 4715.217	NYTME (km.): 400.293	Building: PC MAIN	
Emission Point: PA236			
Height (ft.): 37	Diameter (in.): 12		
NYTMN (km.): 4715.223	NYTME (km.): 400.291	Building: PC MAIN	
Emission Point: PA242			
Height (ft.): 26	Diameter (in.): 14		
NYTMN (km.): 4715.154	NYTME (km.): 400.308	Building: PC MAIN	
Emission Point: PA244			
Height (ft.): 26	Diameter (in.): 6		
NYTMN (km.): 4715.135	NYTME (km.): 400.314	Building: PC MAIN	
Emission Point: PA248			
Height (ft.): 28	Diameter (in.): 8		
NYTMN (km.): 4715.288	NYTME (km.): 400.342	Building: PC MAIN	
Emission Point: PA262			
Height (ft.): 23	Diameter (in.): 8		
NYTMN (km.): 4715.159	NYTME (km.): 400.311	Building: PC MAIN	
Emission Point: PA280			
Height (ft.): 38	Diameter (in.): 10		
NYTMN (km.): 4715.232	NYTME (km.): 400.247	Building: PC MAIN	
Emission Point: PA283			
Height (ft.): 26	Diameter (in.): 6		
NYTMN (km.): 4715.219	NYTME (km.): 400.22	Building: PC MAIN	
Emission Point: PA286			
Height (ft.): 30	Diameter (in.): 22		
NYTMN (km.): 4715.125	NYTME (km.): 400.321	Building: PC MAIN	
Emission Point: PA288			
Height (ft.): 23	Length (in.): 22	Width (in.): 22	
NYTMN (km.): 4715.128	NYTME (km.): 400.319	Building: PC MAIN	

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Emission Point: PA294			
Height (ft.): 26	Diameter (in.): 8		
NYTMN (km.): 4715.243	NYTME (km.): 400.3	Building: PC MAIN	
Emission Point: PA295			
Height (ft.): 26	Diameter (in.): 12		
NYTMN (km.): 4715.239	NYTME (km.): 400.302	Building: PC MAIN	
Emission Point: PA296			
Height (ft.): 25	Diameter (in.): 2		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC MAIN	
Emission Point: PA299			
Height (ft.): 18	Diameter (in.): 14		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC MAIN	
Emission Point: PA300			
Height (ft.): 20	Diameter (in.): 2		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC MAIN	
Emission Point: PA301			
Height (ft.): 15	Diameter (in.): 6		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC MAIN	
Emission Point: PA303			
Height (ft.): 37	Diameter (in.): 20		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC MAIN	
Emission Point: PA304			
Height (ft.): 19	Diameter (in.): 2		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC MAIN	
Emission Point: PA307			
Height (ft.): 25	Diameter (in.): 2		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC MAIN	
Emission Point: PA507			
Height (ft.): 27	Diameter (in.): 6		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA509			
Height (ft.): 26	Diameter (in.): 6		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA523			
Height (ft.): 33	Diameter (in.): 10		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA526			
Height (ft.): 24	Diameter (in.): 12		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	

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Emission Point: PA530			
Height (ft.): 31	Diameter (in.): 6		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA534			
Height (ft.): 33	Diameter (in.): 20		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA536			
Height (ft.): 28	Diameter (in.): 12		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA537			
Height (ft.): 22	Diameter (in.): 6		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA541			
Height (ft.): 29	Diameter (in.): 6		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA558			
Height (ft.): 22	Diameter (in.): 10		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA651			
Height (ft.): 20	Diameter (in.): 9		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA698			
Height (ft.): 20	Diameter (in.): 12		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA699			
Height (ft.): 20	Diameter (in.): 12		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA700			
Height (ft.): 30	Diameter (in.): 18		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA702			
Height (ft.): 31	Diameter (in.): 12		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA709			
Height (ft.): 27	Diameter (in.): 6		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	
Emission Point: PA713			
Height (ft.): 16	Diameter (in.): 6		
NYTMN (km.): 4715.247	NYTME (km.): 400.363	Building: PC NORTH	

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Item 31.2:

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

Emission Unit: U-FEALD

Emission Point: FEAL1

Height (ft.): 27 Length (in.): 15 Width (in.): 13
NYTMN (km.): 4715.247 NYTME (km.): 400.363 Building: PC MAIN

Emission Point: FEAL2

Height (ft.): 19 Diameter (in.): 12
NYTMN (km.): 4715.247 NYTME (km.): 400.363 Building: PC MAIN

Condition 32: Process Definition By Emission Unit
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 32.1:

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

Emission Unit: P-UNITA

Process: M22

Source Classification Code: 3-99-999-89

Process Description:

This process includes the primary sources of bubble point and drying operations at the facility. Grouping facilitates record keeping, because all sources are in one business unit (10).

Emission Source/Control: VC050 - Process

Emission Source/Control: VC206 - Process

Emission Source/Control: VC207 - Process

Emission Source/Control: VC286 - Process

Emission Source/Control: VC288 - Process

Item 32.2:

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

Emission Unit: P-UNITA

Process: M24

Source Classification Code: 3-99-999-89

Process Description:

This process includes bubble point and drying operations. Grouping facilitates record keeping, because all sources are in one department (10W) and use a single chemical (Filmex).



Emission Source/Control: VC253 - Process

Emission Source/Control: VC254 - Process

Emission Source/Control: VC255 - Process

Emission Source/Control: VC256 - Process

Emission Source/Control: VC261 - Process

Emission Source/Control: VC280 - Process

Item 32.3:

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

Emission Unit: P-UNITA

Process: M25

Source Classification Code: 3-99-999-89

Process Description:

This process includes filter system assembly including metal forming, welding, hydrostatic testing, filter bubble point testing, filter drying, metal filter parts surface preparation, and filter part QA/QC testing. Grouping facilitates record keeping, because all sources are in one business unit and in one building.

Emission Source/Control: VC008 - Process

Emission Source/Control: VC010 - Process

Emission Source/Control: VC039 - Process

Emission Source/Control: VC044 - Process

Emission Source/Control: VC148 - Process

Emission Source/Control: VC149 - Process

Emission Source/Control: VC272 - Process

Emission Source/Control: VC283 - Process

Item 32.4:

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

Emission Unit: P-UNITA

Process: M26

Source Classification Code: 3-99-999-89

Process Description:

This process includes filter bubble point testing, filter drying, metal media laydown, sintering, drying, metal sheet coating, and metal mesh coating.



- Emission Source/Control: VC099 - Process
- Emission Source/Control: VC105 - Process
- Emission Source/Control: VC507 - Process
- Emission Source/Control: VC509 - Process
- Emission Source/Control: VC523 - Process
- Emission Source/Control: VC524 - Process
- Emission Source/Control: VC526 - Process
- Emission Source/Control: VC537 - Process
- Emission Source/Control: VC541 - Process
- Emission Source/Control: VC697 - Process
- Emission Source/Control: VC700 - Process
- Emission Source/Control: VC701 - Process
- Emission Source/Control: VC702 - Process
- Emission Source/Control: VC709 - Process

Item 32.5:

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

Emission Unit: P-UNITA
Process: M27 Source Classification Code: 3-99-999-89
Process Description:
This process includes forward flow and filter bubble point testing operations in the 21 production area. Grouping facilitates record keeping, because all sources are in one department and use a single chemical (Pallsol).

- Emission Source/Control: VC242 - Process
- Emission Source/Control: VC262 - Process

Item 32.6:

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

Emission Unit: P-UNITA
Process: M33 Source Classification Code: 4-02-001-01
Process Description:



This process includes filter assembly surface coating operations.

Emission Source/Control: PB040 - Process

Item 32.7:

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

Emission Unit: P-UNITA

Process: M55

Source Classification Code: 3-99-999-89

Process Description:

Process operations include metal filter parts surface preparation. Grouping facilitates recordkeeping, because chemicals used are acids (all non-VOC).

Emission Source/Control: MS042 - Process

Emission Source/Control: MS043 - Process

Emission Source/Control: MS046 - Process

Emission Source/Control: MS098 - Process

Emission Source/Control: MS208 - Process

Emission Source/Control: MS235 - Process

Emission Source/Control: MS236 - Process

Emission Source/Control: MS244 - Process

Emission Source/Control: MS248 - Process

Emission Source/Control: MS294 - Process

Emission Source/Control: MS295 - Process

Emission Source/Control: MS530 - Process

Emission Source/Control: MS534 - Process

Emission Source/Control: MS536 - Process

Emission Source/Control: MS558 - Process

Emission Source/Control: MS651 - Process

Emission Source/Control: MS698 - Process

Emission Source/Control: MS699 - Process



Item 32.8:

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

Emission Unit: P-UNITA
Process: M56 Source Classification Code: 3-99-999-89

Process Description:

Process operations include the recovery system for the filter solvent extraction method that uses methylene chloride. Grouping facilitates recordkeeping because a single chemical is used (methylene chloride) and has a single emission point.

Emission Source/Control: METH1 - Process

Item 32.9:

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

Emission Unit: U-FEALD
Process: M28 Source Classification Code: 3-99-999-89

Process Description:

This process includes the bubble point testing and post test drying operations for the iron aluminide filter elements.

Emission Source/Control: FEAL1 - Process
Design Capacity: 20 number (or quantity) per hour

Emission Source/Control: FEAL2 - Process
Design Capacity: 20 number (or quantity) per hour

Condition 33: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 33.1:

The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA
Process: M33

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

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

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Compliance testing will be conducted at the discretion of the Department.

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: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 34: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 34.1:

The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA

Process: M33

Item 34.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions to the outdoor atmosphere having an average opacity of 20 percent or greater for any consecutive six-minute period from any emission source subject to 6NYCRR Subpart Part 228-1, Surface Coating Processes.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 35: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 35.1:

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The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA

Process: M33

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. Except as provided for in paragraph (2) of this section, the owner or operator of any emission source subject to this Part must maintain and, upon request, provide the department with a certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of each as applied coating used at the facility. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained in a format acceptable to the department and, upon request, these records must be submitted to the department within 30 days of receiving the request. Any additional information required to determine compliance with this Part must be provided to the department in a format acceptable to the department. All records required by this paragraph must be maintained at the facility for a period of five years.

2. Owners and operators of emission sources not subject to Subpart 228-1 as set forth in Subpart 228-1.1(b)(9) or 228-1.3(e)(2) must maintain records on an as used basis. The records must include the relevant regulatory citation of each exemption and quantity of coating used. If the exemption criteria are based on VOC usage, the records must contain calculations and supplier/manufacturer material data sheets for verification of VOC usage. All records required by this Paragraph must be maintained at the facility for a period of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 36: Compliance Certification

Effective between the dates of 01/28/2014 and 01/27/2019



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

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA
Process: M33

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

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Prohibition of sale or specification.

(1) No person shall sell, supply, offer for sale, solicit, use, specify, or require for use, the application of a coating on a part or product at a facility with a coating line described in Section 228-1.1(a) of this Subpart if such sale, specification, or use is prohibited by any of the provisions of this Subpart. The prohibition shall apply to all written or oral contracts under the terms of which any coating is to be applied to any part or product at an affected facility. This prohibition shall not apply to the following:

- (i) coatings utilized at surface coating lines where control equipment has been installed to meet the maximum permitted VOC content limitations specified in the tables of Section 228-1.4 of this Subpart;
- (ii) coatings utilized at surface coating lines where a coating system is used which meets the requirements specified in Subdivision 228-1.5(d) of this Subpart; and
- (iii) coatings utilized at surface coating lines that have been granted variances pursuant to Subdivision 228-1.5(e) of this Subpart.

(2) Any person selling a coating for use in a coating line subject to this Part must, upon request, provide the user with certification of the VOC content of the coating supplied.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 37: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019



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

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA
Process: M33

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

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Handling, storage and disposal of volatile organic compounds.

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

- (1) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;
- (2) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;
- (3) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;
- (4) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to: spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;
- (5) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents;
- (6) minimize spills during the handling and transfer of coatings and VOC solvents; and



- (7) clean hand held spray guns by one of the following:
- (i) an enclosed spray gun cleaning system that is kept closed when not in use;
 - (ii) non-atomized discharge of VOC solvent into a paint waste container that is kept closed when not in use;
 - (iii) disassembling and cleaning of the spray gun in a vat that is kept closed when not in use; or
 - (iv) atomized spray into a paint waste container that is fitted with a device designed to capture atomized VOC solvent emissions.

The above listed work practices must be displayed conspicuously in areas where the above mentioned VOC containing materials are handled, mixed, and/or used.

Employees assigned to work in these areas shall be informed of these requirements. A statement shall be included in the annual compliance certification that the above requirements have been met.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Condition 38: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA
Process: M33

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

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facilities operating a Class B coating line for miscellaneous metal parts coating, as specified in Section 228-1.4(b)(4)(i) of this Part, must use one or more of the



following application techniques to apply the coating:

- (i) flow/curtain coating;
- (ii) dip coating;
- (iii) cotton-tipped swab application;
- (iv) electro-deposition coating;
- (v) high volume low pressure spraying;
- (vi) electrostatic spray;
- (vii) airless spray, (including air assisted);
- (viii) airbrush application methods for stenciling, lettering, and other identification markings; or
- (ix) other coating application methods approved by the department which can demonstrate transfer efficiencies equivalent to or greater than high volume low pressure spray.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 39: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA

Process: M33

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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 7/30/2014.

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



Condition 40: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR 228-1.4 (b) (4)

Item 40.1:
The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA
Process: M33

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

Item 40.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

1. A facility applying Miscellaneous Metal Parts Coatings must use the application techniques as specified in Section 228-1.3(e)(3) of this Part.
2. A facility applying Miscellaneous Metal Parts Coatings may not use coatings with VOC contents, as applied, which exceed the limits specified in Table B4.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 41: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR 228-1.5 (a)

Item 41.1:
The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA
Process: M33

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

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

- Use of coatings that exceed the VOC content limits at application specified in the tables of Sections 228-1.4 of

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this Subpart is prohibited, unless a coating system meeting the requirements of Subdivision (d) of this Section is utilized, control equipment meeting the requirements of Subdivisions (b) and (c) of this Section is installed and operated, of a process specific RACT variance is granted under Subdivision (e) of this Section.

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 7/30/2014.

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

Condition 42: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

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

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA

Process: M33

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Compliance Certification
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: P-UNITA

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Process: M55

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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



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

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

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

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

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

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

Condition 44: Contaminant List
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable State Requirement:ECL 19-0301

Item 44.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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



CAS No: 0NY998-00-0

Name: VOC

Condition 45: Malfunctions and start-up/shutdown activities
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable State Requirement:6 NYCRR 201-1.4

Item 45.1:

(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 46: Visible Emissions Limited
Effective between the dates of 01/28/2014 and 01/27/2019

Applicable State Requirement:6 NYCRR 211.2

Item 46.1:

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

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Facility DEC ID: 7112200063



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

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

**Condition 47: Emissions from new emission sources and/or modifications
Effective between the dates of 01/28/2014 and 01/27/2019**

Applicable State Requirement:6 NYCRR 212.4 (a)

Item 47.1:

This Condition applies to Emission Unit: P-UNITA
Process: M56

Item 47.2:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

