

New York State Department of Environmental Conservation
Facility DEC ID: 5533000009



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 5-5330-00009/00295
Effective Date: 12/15/1999 Expiration Date: No expiration date

Permit Issued To: GENERAL ELECTRIC CO
3135 EASTON TPKE
FAIRFIELD, CT 06431

Facility: GENERAL ELECTRIC COMPANY, TDIS
381 UPPER BROADWAY
FORT EDWARD, NY 12828

Contact: DAVID WEST
GENERAL ELECTRIC CO CPPO
381 UPPER BROADWAY
FORT EDWARD, NY 12828
(518) 746-5560

Description:

General Electric TD & IS is located in Fort Edward, New York and is engaged in the manufacture of capacitors. The facility consists of the following operations: capacitor manufacturing, sand fuse manufacturing, surface coating, dielectric fluid storage and refining, annealing of aluminum foil, production of polypropylene film, electrical testing and waste water treatment.

The facility's emissions for volatile organic compounds, sulfur dioxide and nitrogen oxides have been capped in accordance with 6NYCRR Subpart 201-5, therefore the facility is not subject to the Title V provisions of subpart 201-6.

Applicable SIC Codes:

3629 - Electrical Industrial Apparatus, n.e.c.
3675 - Electronic Capacitors
3081 - Unsupported Plastic Films and Sheets

Type of Equipment and Operations Carried on at the Plant:

Capacitor manufacturing consists of metal cutting and forming, welding, soldering and brazing equipment, as well as tanks and modules for impregnating capacitors with dielectric fluid. Sand fuse manufacturing is comprised of a drying oven, hopper and dust collector. Surface coating operations



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consist of paint booths, drying ovens, and adhesive application equipment. Storage tanks, vacuum pumps and refining columns are used for dielectric fluid storage and refining. Tanks and refining columns are used for dielectric fluid storage and refining. Two ovens are used to anneal aluminum foil and three corona treating machines for polyethylene film production. High voltage test equipment is used in the electrical testing operations. The wastewater treatment operation consists of an air stripper to remove volatile organic compounds from remediation well water, multimedia filtration, coagulation, and activated carbon adsorption.

General Organization of Emission Units in the Permit:

The equipment has been arranged into the following specific emission units:

- A-10000: Surface coating operations
- B-10000: Polypropylene film production
- C-10000: Metal arc spraying
- D-10000: Capacitor filling, testing and QC, Dielectric fluid storage and refining
- E-10000: Boiler and Emergency Generator
- F-10000: Air Stripper (WWTP)
- G-10000: HFP - treat and fluid refinement
- H-10000: Polypropylene film reclamation
- I- 10000: Sand fuse production
- J-10000: Aluminum foil annealing
- K-10000: Nameplating/fill hole cleaning

Applicable Rules:

In addition to the rules containing general provisions and requirements pertaining to permitting in New York State (i.e., 6NYCRR Parts 200 and 201), the following rules have been found to apply to the facility:

1. 6NYCRR Part 212
2. 6NYCRR Part 225, subpart 1
3. 6NYCRR Part 227, subpart 1, 2
4. 6NYCRR Part 228
5. 40 CFR Part 82, subpart F

Federally Enforceable Conditions for the Avoidance of Regulatory Requirements:

1. Facility wide limitation of 0.5% sulfur concentration in fuel oil: established to cap sulfur dioxide emissions below the major source threshold of Title V; 6NYCRR Part 201, subpart 7.2
2. Facility wide VOC emission limit of 49 TPY and a limit of 3.5 pounds per gallon of VOC of coating are established to cap volatile organic compounds below the major source threshold of Title V and to cap out of VOC RACT; 6NYCRR Part 201, subpart 7.2 , Part 212.10 (b).
3. Limitation of 3017 hours per year operation on emergency generator (emission unit E-10000): established to cap oxides of nitrogen emissions below the major source threshold of Title V; 6NYCRR Part 201, subpart 7.2.

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Permit Limits:

The permit for this facility only contains the most stringent emissions/operating limitations and monitoring/record keeping requirements to avoid redundant and/or contradictory applicable conditions.

Program Contacts:

Environmental Health and Safety, EHS Team Leader David West (518) 746-5560
Environmental Health and Safety, Environmental Engineer Ronald Zimmerman, Jr (518) 746-5265

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: THOMAS W HALL
 DIVISION OF ENVIRONMENTAL PERMITS
 ROUTE 86 PO BOX 296
 RAY BROOK, NY 12977-0296

Authorized Signature: _____ Date: ____ / ____ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 5
SUBOFFICE

DEC SPECIAL CONDITIONS

Facility inspection by the department.



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)

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.

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

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Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

**Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 5
SUBOFFICE**

Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Hudson St, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

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DEC SPECIAL CONDITIONS

Condition 6: Facility inspection by the department.
Applicable State Requirement: ECL 3-0301.2(g)

Item 6.1:

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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3135 EASTON TPKE
FAIRFIELD, CT 06431

Facility: GENERAL ELECTRIC COMPANY, TDIS
381 UPPER BROADWAY
FORT EDWARD, NY 12828

Authorized Activity By Standard Industrial Classification Code:
3081 - UNSUPPORTED PLASTICS FILM AND SHEET
3629 - ELEC INDUSTRIAL APPARATUS, NEC
3675 - ELECTRONIC CAPACITORS

Permit Effective Date: 12/15/1999

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 3 6NYCRR 200.7: Maintenance of equipment
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 12 6NYCRR 201-6.1(a): Facility Permissible Emissions
- *13 6NYCRR 201-6.1(a): Compliance Demonstration
- *14 6NYCRR 201-6.1(a): Compliance Demonstration
- 15 6NYCRR 202-1.1: Required emissions tests
- 16 6NYCRR 211.3: Visible emissions limited.
- 17 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 18 6NYCRR 228.5(a): Compliance Demonstration
- 19 6NYCRR 228.10: Handling, storage, and disposal of volatile organic compounds
- 20 6NYCRR 231-2.12: Past Reduction By Emission Unit Shutdown

Emission Unit Level

- 21 6NYCRR 201-6.1(a): Process Permissible Emissions

EU=A-10000

- 22 6NYCRR 212.6(a): 212.6(a) - Opacity standard
- 23 6NYCRR 228.4: opacity - <20%
- 24 6NYCRR 228.5(d): samples

EU=A-10000,Proc=AA2

- 25 6NYCRR 228.7: Compliance Demonstration

EU=A-10000,Proc=AA3

- 26 6NYCRR 228.7: Compliance Demonstration

EU=B-10000

- 27 6NYCRR 212.6(a): 212.6(a) - Opacity standard

EU=C-10000

- 28 6NYCRR 212.6(a): 212.6(a) - Opacity standard



EU=C-10000,EP=00224,Proc=CA1
29 6NYCRR 212.4(c): Compliance Demonstration

EU=D-10000
30 6NYCRR 212.6(a): 212.6(a) - Opacity standard

EU=E-10000
31 6NYCRR 227-1.3(a): Compliance Demonstration

EU=E-10000,EP=00322,Proc=EA2,ES=E1002
*32 6NYCRR 201-6.1(a): Compliance Demonstration

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33 6NYCRR 212.6(a): 212.6(a) - Opacity standard

EU=G-10000
34 6NYCRR 212.6(a): 212.6(a) - Opacity standard

EU=H-10000
35 6NYCRR 212.6(a): 212.6(a) - Opacity standard

EU=I-10000
36 6NYCRR 212.6(a): 212.6(a) - Opacity standard

EU=J-10000
37 6NYCRR 212.6(a): 212.6(a) - Opacity standard

EU=K-10000
38 6NYCRR 212.6(a): 212.6(a) - Opacity standard

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 39 6NYCRR 201-5: General Provisions
- 40 6NYCRR 201-5: Emission Unit Definition
- 41 6NYCRR 201-5.3(b): Contaminant List
- 42 6NYCRR 211.2: Air pollution prohibited
- 43 6NYCRR 217-3.2(a): Diesel truck opacity limitation
- 44 6NYCRR 217-3.2(b): Idling of diesel trucks limited

Emission Unit Level

- 45 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 46 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

(b) No person shall operate any air contamination source sealed by the commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

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

Condition 3: Maintenance of equipment
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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.

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Condition 4: Unpermitted Emission Sources
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Condition 5: Unavoidable Noncompliance and Violations
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 5.1:

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

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate



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of the emission rates.

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

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

Condition 6: Emergency Defense
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 6.1:

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

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

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

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

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

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

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

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

Condition 7: Recycling and Salvage
Effective between the dates of 12/15/1999 and Permit Expiration Date

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Applicable Federal Requirement: 6NYCRR 201-1.7

Item 7.1:

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 8.1:

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 9: Public Access to Recordkeeping
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.10(a)

Item 9.1:

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

Condition 10: Proof of Eligibility
Effective between the dates of 12/15/1999 and Permit Expiration Date

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

Item 10.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 11: Proof of Eligibility



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

Item 11.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 12: Facility Permissible Emissions

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)

Item 12.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 007446-09-5 PTE: 166,000 pounds per year
Name: SULFUR DIOXIDE

CAS No: 0NY210-00-0 PTE: 198,000 pounds per year
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0 PTE: 98,000 pounds per year
Name: VOC

Condition 13: Compliance Demonstration

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)

Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 13.2:

Compliance Demonstration shall include the following monitoring:

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Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility SO₂ emissions are limited based on the weight percent of sulfur contained in the fuel oil purchased and used on site. With this limitation enforced the facility SO₂ emissions are capped below Title V thresholds. The weight percent of sulfur for each fuel oil shipment is listed on the BOL, and used to certify fuel oil content. The annual reporting shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold values that would require compliance with an applicable requirement.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 01/13/2001 for the period 12/15/1999 through 12/14/2000

Condition 14: Compliance Demonstration
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

VOC emissions at this facility have been capped at 49 TPY. Records of VOC emissions from all emission sources at the facility will be summarized and kept on a 12 month



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rolling basis to ensure compliance with this cap. The annual reporting shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold values that would require compliance with an applicable requirement.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 01/13/2001 for the period 12/15/1999 through 12/14/2000

Condition 15: Required emissions tests
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 15.1:

An acceptable report of measured emissions shall be submitted, as may be required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Condition 16: Visible emissions limited.
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 211.3

Item 16.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 17: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 215

Item 17.1:

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

Condition 18: Compliance Demonstration
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(a)

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Item 18.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Certification from the coating supplier/manufacturer which verifies the parameters used to determine the actual VOC content of the as applied coating, for each coating used at the facility, must be maintained and, upon request, be provided to the departments representative. In addition, purchase, usage and/or production records of the coating material, including solvents, must be maintained and, upon request, be submitted to the department. Records must be maintained at the facility for a period of five years.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 19: Handling, storage, and disposal of volatile organic compounds
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.10

Item 19.1:

No owner or operator of a facility subject to 6NYCRR Part 228 shall:

- (a) use open containers to store or dispose of cloth or paper impregnated with VOC and/or solvents that are used for surface preparation, cleanup, or coating removal;
- (b) store in open containers spent or fresh VOC and/or solvents to be used for surface preparation, cleanup, or coating removal;
- (c) use VOC and/or solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize their evaporation to the atmosphere;
- (d) 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; or
- (e) use open containers to store or dispose of spent surface coatings, spent VOCs and/or solvents.

Condition 20: Past Reduction By Emission Unit Shutdown
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 231-2.12



New York State Department of Environmental Conservation

Permit ID: 5-5330-00009/00295

Facility DEC ID: 5533000009

Item 20.1:

1. Emission Unit X-10000, Y-10000, and Z-10000 at this facility are prohibited from further operation .
2. The facility has established 31.48 tons per year (tpy) of VOC (contaminant) emission reduction credits by shutdown of the above referenced emission units, which may be used or transferred for offset purposes.

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

Condition 21: Process Permissible Emissions
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)

Item 21.1:

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

Emission Unit: E-10000 Process: EA2

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 32.9 pounds per hour
99,260 pounds per year

Condition 22: 212.6(a) - Opacity standard
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 22.1:

This Condition applies to Emission Unit: A-10000

Item 22.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Condition 23: opacity - <20%
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.4

Item 23.1:

This Condition applies to Emission Unit: A-10000

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Facility DEC ID: 5533000009



Item 23.2:

The average opacity of emissions to the outdoor atmosphere shall not equal or exceed 20 percent for any consecutive six-minute period.

Condition 24: samples

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.5(d)

Item 24.1:

This Condition applies to Emission Unit: A-10000

Item 24.2:

Representatives of the department shall be permitted, during reasonable business hours, to obtain coating samples for the purpose of determining compliance.

Condition 25: Compliance Demonstration

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.7

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-10000

Process: AA2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Air-dried and forced warm-air dried coatings used for the surface coating of miscellaneous metal parts and products may contain a maximum of 3.5 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: AIR DRIED/FORCED WARM AIR-DRIED COATING - MISCELLANEOUS METAL PARTS

Parameter Monitored: VOC CONTENT



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Upper Permit Limit: 3.5 pounds per gallon
Reference Test Method: Method 24 (40CFR60)
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 26: Compliance Demonstration
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 228.7

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: A-10000
Process: AA3

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

Item 26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Air-dried and forced warm-air dried coatings used for the
surface coating of miscellaneous metal parts and products
may contain a maximum of 3.5 pounds of volatile organic
compounds per gallon of coating (minus water and excluded
VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: AIR DRIED/FORCED WARM AIR-DRIED COATING -
MISCELLANEOUS METAL PARTS

Parameter Monitored: VOC CONTENT

Upper Permit Limit: 3.5 pounds per gallon

Reference Test Method: Method 24 (40CFR60)

Monitoring Frequency: SINGLE OCCURRENCE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 27: 212.6(a) - Opacity standard
Effective between the dates of 12/15/1999 and Permit Expiration Date



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Permit ID: 5-5330-00009/00295

Facility DEC ID: 5533000009

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 27.1:

This Condition applies to Emission Unit: B-10000

Item 27.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Condition 28: 212.6(a) - Opacity standard

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 28.1:

This Condition applies to Emission Unit: C-10000

Item 28.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Condition 29: Compliance Demonstration

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: C-10000 Emission Point: 00224
Process: CA1

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

Item 29.2:

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

Manufacturer Name/Model Number: DCE Vokes, DLM 2-6-10 Dust Collector



New York State Department of Environmental Conservation

Permit ID: 5-5330-00009/00295

Facility DEC ID: 5533000009

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: UPON REQUEST BY REGULATORY AGENCY

Condition 30: 212.6(a) - Opacity standard
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 30.1:

This Condition applies to Emission Unit: D-10000

Item 30.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Condition 31: Compliance Demonstration
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3(a)

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: E-10000

Item 31.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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Condition 32: Compliance Demonstration
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: E-10000 Emission Point: 00322
Process: EA2 Emission Source: E1002

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 32.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:
NOx emissions are capped at 99 TPY through limiting the hours of operation of the package generator to 3017 hours per year. With this cap in place, and all other sources of NOx at this facility operating at 8760 hours per year, NOx emissions for this facility will be less than 99 TPY. The annual reporting shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those thresholds values that would require compliance with an applicable requirement.

Work Practice Type: HOURS PER YEAR OPERATION
Upper Permit Limit: 3017 hours
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (ANNIVERSARY)
Initial Report Due: 01/13/2001 for the period 12/15/1999 through 12/14/2000

Condition 33: 212.6(a) - Opacity standard
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 33.1:

This Condition applies to Emission Unit: F-10000



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Permit ID: 5-5330-00009/00295

Facility DEC ID: 5533000009

Item 33.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Condition 34: 212.6(a) - Opacity standard
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 34.1:

This Condition applies to Emission Unit: G-10000

Item 34.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Condition 35: 212.6(a) - Opacity standard
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 35.1:

This Condition applies to Emission Unit: H-10000

Item 35.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Condition 36: 212.6(a) - Opacity standard
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 36.1:

This Condition applies to Emission Unit: I-10000

Item 36.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Condition 37: 212.6(a) - Opacity standard
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 37.1:

This Condition applies to Emission Unit: J-10000

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Facility DEC ID: 5533000009



Item 37.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Condition 38: 212.6(a) - Opacity standard

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 38.1:

This Condition applies to Emission Unit: K-10000

Item 38.2:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

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STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 39: General Provisions

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 39.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 39.2:

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.

Item 39.3:

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

Condition 40: Emission Unit Definition

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 40.1:

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

Emission Unit: A-10000

Emission Unit Description:

This emission unit is comprised of EP 254, 292, 293 and 294 in Bldg. 23, EP 277, 278, 281 and 321 in Bldg. 31 and EP 279 in Bldg. 26. It contains paint storage, dispensing, application and curing processes, and adhesive and varnish application processes.

Building(s): BLDG. 23

BLDG. 26

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BLDG. 31

Item 40.2:

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

Emission Unit: B-10000

Emission Unit Description:

This emission unit consists of polypropylene film corona treating machines. These machines are vented through EPs 218, 219 and 273 located in Bldg. 27.

Building(s): BLDG. 27

Item 40.3:

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

Emission Unit: C-10000

Emission Unit Description:

This emission unit consists of a metal arc spraying process which vents through EP 224, located in Bldg. 23.

Building(s): BLDG. 23

Item 40.4:

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

Emission Unit: D-10000

Emission Unit Description:

This emission unit is comprised of EP's 211, 212, 262, and 316 om Bldg. 25, EP 280 in Bldg. 31, EP's 264, 312, 334, 335, 336, 337, 338, 339, 340, and 341 in Bldg. 23, and EP's 266, 267, 268, 271, 274, 313, 314, and 315 in Bldg. 27. The associated processes are capacitor filling, testing, and quality control operations, as well as dielectric fluid storage and refining.

Building(s): BLDG. 23
BLDG. 25
BLDG. 27
BLDG. 31

Item 40.5:

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

Emission Unit: E-10000

Emission Unit Description:

This emission unit consists of a 28 mmBTU boiler, and an internal combustion emergency generator. These units are vented via EP 173 located in Bldg. 23 and EP 322 located

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adjacent to Bldg. 40.

Building(s): BLDG. 23

Item 40.6:

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

Emission Unit: F-10000

Emission Unit Description:

This emission unit consists of an air stripper which is vented via EP 242, adjacent to Bldg. 23.

Building(s): BLDG. 35

Item 40.7:

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

Emission Unit: G-10000

Emission Unit Description:

This emission unit consists of a treat process for high frequency plates, and a Di-butyl Sebecate refining process. These processes are vented via EP 290 located in Bldg. 23.

Building(s): BLDG. 23

Item 40.8:

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

Emission Unit: H-10000

Emission Unit Description:

This emission unit consists of a scrap polypropylene film grinding process which is vented via EP 325 located in Bldg. 27.

Building(s): BLDG. 27

Item 40.9:

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

Emission Unit: I-10000

Emission Unit Description:

This emission unit consists of sand mixing, filling, and drying operations for the production of sand fuses and HESP units. This process is vented via EP 330 located in Bldg. 23.

Building(s): BLDG. 23

Item 40.10:

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



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Emission Unit: J-10000

Emission Unit Description:

This emission unit consists of two aluminum foil annealing ovens which are vented via EPs FM400 and FM500, located in Bldg. 40.

Building(s): BLDG. 23

Item 40.11:

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

Emission Unit: K-10000

Emission Unit Description:

This emission unit consists of capacitor fill hole cleaning and nameplating stations. These processes are vented via EP 283, located in Bldg. 26.

Building(s): BLDG. 26

Item 40.12:

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

Emission Unit: X-10000

Emission Unit Description:

This emission unit has a degreaser as its only source. The associated emission point is EP 270. This source was shut down in January 31, 1995. Emission unit reduction credits for this source shut-down total 14.16 TPY of VOC.

Item 40.13:

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

Emission Unit: Y-10000

Emission Unit Description:

This emission unit contains 11 emission source associated with the Foil Mill operations. These sources were shut-down in December 1994 and sold to a company in India. The emission reduction credits for the shut-down of these 11 sources totals 15.53 TPY of VOC's.

Item 40.14:

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

Emission Unit: Z-10000

Emission Unit Description:

This emission unit has two painting lines for emission sources. These sources were shut-down in January 1995. A total of 1.77 TPY VOC emission reduction credits were earned from this shut-down. These credits were calculated based upon the credits available after the application of RACT.

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Condition 41: Contaminant List
Effective between the dates of 12/15/1999 and Permit Expiration Date

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

Item 41.1:

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

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN

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

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

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

Condition 42: Air pollution prohibited
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 42.1:

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 43: Diesel truck opacity limitation
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 217-3.2(a)

Item 43.1:

No person who owns, operates or leases a vehicle propelled by a diesel engine or who owns, leases or occupies land and has actual or apparent dominion or control over the operation of a vehicle propelled by a diesel engine which is present on said land, shall operate said vehicle or allow or permit it to be operated, in such a manner that exhaust emissions of a shade of blue, black, or gray equal to or greater than No. 1 on the Ringelmann chart (20 percent opacity) or equivalent standard acceptable to the commissioner are produced for a continuous period of more than five seconds when the vehicle is in motion.

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Condition 44: Idling of diesel trucks limited
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 217-3.2(b)

Item 44.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

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

Condition 45: Emission Point Definition By Emission Unit
Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 45.1:

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

Emission Unit: A-10000

Emission Point: 00254

Height (ft.): 32 Diameter (in.): 11
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 23

Emission Point: 00277

Height (ft.): 43 Diameter (in.): 24
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 31

Emission Point: 00278

Height (ft.): 43 Diameter (in.): 24
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 31

Emission Point: 00279

Height (ft.): 43 Diameter (in.): 24
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 26

Emission Point: 00281

Height (ft.): 39 Diameter (in.): 12
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 31



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Emission Point: 00292
Height (ft.): 31 Diameter (in.): 5
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 23

Emission Point: 00293
Height (ft.): 31 Diameter (in.): 5
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 23

Emission Point: 00294
Height (ft.): 31 Diameter (in.): 16
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 23

Emission Point: 00321
Height (ft.): 39 Diameter (in.): 21
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 31

Item 45.2:

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

Emission Unit: B-10000

Emission Point: 00218
Height (ft.): 36 Diameter (in.): 8
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Emission Point: 00219
Height (ft.): 36 Diameter (in.): 8
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Emission Point: 00273
Height (ft.): 15 Diameter (in.): 10
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Item 45.3:

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

Emission Unit: C-10000

Emission Point: 00224
Height (ft.): 32 Diameter (in.): 14
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 23

Item 45.4:

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

Emission Unit: D-10000



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Emission Point: 00211
Height (ft.): 33 Diameter (in.): 24
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 25

Emission Point: 00212
Height (ft.): 32 Diameter (in.): 5
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 25

Emission Point: 00262
Height (ft.): 30 Diameter (in.): 12
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 25

Emission Point: 00264
Height (ft.): 30 Diameter (in.): 14
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 23

Emission Point: 00266
Height (ft.): 33 Diameter (in.): 8
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Emission Point: 00267
Height (ft.): 39 Diameter (in.): 24
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Emission Point: 00268
Height (ft.): 47 Diameter (in.): 6
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Emission Point: 00271
Height (ft.): 30 Diameter (in.): 5
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Emission Point: 00274
Height (ft.): 35 Diameter (in.): 22
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Emission Point: 00280
Height (ft.): 38 Diameter (in.): 26
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 31

Emission Point: 00312
Height (ft.): 32 Diameter (in.): 36
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 23

Emission Point: 00313
Height (ft.): 45 Diameter (in.): 42
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27



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Emission Point: 00314
Height (ft.): 45 Diameter (in.): 36
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Emission Point: 00315
Height (ft.): 33 Diameter (in.): 4
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Emission Point: 00316
Height (ft.): 40 Diameter (in.): 30
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 25

Emission Point: 00337
Height (ft.): 27 Diameter (in.): 18
Building: BLDG. 23

Emission Point: 00338
Height (ft.): 34 Diameter (in.): 18
Building: BLDG. 23

Emission Point: 00339
Height (ft.): 21 Diameter (in.): 18
Building: BLDG. 23

Emission Point: 00340
Height (ft.): 35 Diameter (in.): 18
Building: BLDG. 23

Emission Point: 00341
Height (ft.): 35 Diameter (in.): 18
Building: BLDG. 23

Item 45.5:

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

Emission Unit: E-10000

Emission Point: 00173
Height (ft.): 56 Diameter (in.): 30
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 23

Emission Point: 00322
Height (ft.): 16 Diameter (in.): 16
NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 40

Item 45.6:



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

Emission Unit: F-10000

Emission Point: 00242

Height (ft.): 32

Diameter (in.): 48

NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 35

Item 45.7:

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

Emission Unit: G-10000

Emission Point: 00290

Height (ft.): 35

Diameter (in.): 4

NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 40

Item 45.8:

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

Emission Unit: H-10000

Emission Point: 00325

Height (ft.): 28

Diameter (in.): 36

NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 27

Item 45.9:

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

Emission Unit: I-10000

Emission Point: 00330

Height (ft.): 29

Diameter (in.): 20

NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 23

Item 45.10:

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

Emission Unit: J-10000

Emission Point: FM400

Height (ft.): 32

Diameter (in.): 4

NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 40

Emission Point: FM500

Height (ft.): 32

Diameter (in.): 4

NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 40

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Item 45.11:

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

Emission Unit: K-10000

Emission Point: 00283

Height (ft.): 52

Diameter (in.): 10

NYTMN (km.): 4793.424 NYTME (km.): 614.532 Building: BLDG. 26

Condition 46: Process Definition By Emission Unit

Effective between the dates of 12/15/1999 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 46.1:

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

Emission Unit: A-10000

Process: AA1

Source Classification Code: 4-02-025-01

Process Description:

This process consists of an adhesive application machine which is vented via EP 254.

Emission Source/Control: A1001 - Process

Item 46.2:

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

Emission Unit: A-10000

Process: AA2

Source Classification Code: 4-02-025-01

Process Description:

This process consists of a prime coat manual spray booth and infrared oven/flash tunnel. This process is vented via EPs 277 and 321.

Emission Source/Control: A1003 - Control

Control Type: FABRIC FILTER

Emission Source/Control: A1002 - Process

Emission Source/Control: A1008 - Process

Item 46.3:

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

Emission Unit: A-10000

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Process: AA3

Process Description:

This process consists of a topcoat manual spray booth and an infrared oven/flash tunnel. This process is vented via 278 and 279.

Emission Source/Control: A1005 - Control

Control Type: FABRIC FILTER

Emission Source/Control: A1004 - Process

Emission Source/Control: A1006 - Process

Item 46.4:

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

Emission Unit: A-10000

Process: AA4

Source Classification Code: 4-02-025-03

Process Description:

This process consists of a paint mixing and dispensing room which is vented via EP 281.

Emission Source/Control: A1007 - Process

Item 46.5:

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

Emission Unit: A-10000

Process: AA5

Source Classification Code: 4-02-025-01

Process Description:

This process consists of a work table/drain workstation and two dispatch ovens used for applying and curing varnish to metal parts. This process is vented via EPs 292, 293, and 294.

Emission Source/Control: A1009 - Process

Emission Source/Control: A1010 - Process

Emission Source/Control: A1011 - Process

Item 46.6:

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

Emission Unit: B-10000

Process: BA1

Source Classification Code: 3-08-006-99

Process Description:



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This process consists of a three machines for the corona treating of film. This process is vented via EPs 218, 219 and 273.

Emission Source/Control: B1001 - Process

Emission Source/Control: B1002 - Process

Emission Source/Control: B1003 - Process

Item 46.7:

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

Emission Unit: C-10000

Process: CA1

Source Classification Code: 3-09-040-01

Process Description:

This unit consists of an arcspray power unit and two cleanup stations which are vented via EP 224.

Emission Source/Control: C1002 - Control

Control Type: FABRIC FILTER

Emission Source/Control: C1001 - Process

Item 46.8:

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

Emission Unit: D-10000

Process: DA1

Source Classification Code: 3-13-999-99

Process Description:

This process consists of exhaust hoods over conveyors which are used to move treated capacitors containing residual dielectric fluid. This process is vented via EP's 334 and 335.

Emission Source/Control: D1001 - Process

Emission Source/Control: D1002 - Process

Emission Source/Control: D1022 - Process

Item 46.9:

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

Emission Unit: D-10000

Process: DA2

Source Classification Code: 3-13-999-99

Process Description:

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This process consists of exhaust hoods over capacitor treat tanks and treat tank vacuum pump exhaust. This process is vented via EP's 262, 264, 268, 312, 337, and 338.

Emission Source/Control: D1145 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: D1146 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: D1147 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: D1148 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: D1003 - Process

Emission Source/Control: D1004 - Process

Emission Source/Control: D1005 - Process

Emission Source/Control: D1029 - Process

Emission Source/Control: D1030 - Process

Emission Source/Control: D1031 - Process

Emission Source/Control: D1032 - Process

Emission Source/Control: D1033 - Process

Emission Source/Control: D1034 - Process

Emission Source/Control: D1035 - Process

Emission Source/Control: D1036 - Process

Emission Source/Control: D1037 - Process

Emission Source/Control: D1038 - Process

Emission Source/Control: D1039 - Process

Emission Source/Control: D1040 - Process



- Emission Source/Control: D1041 - Process
- Emission Source/Control: D1042 - Process
- Emission Source/Control: D1043 - Process
- Emission Source/Control: D1044 - Process
- Emission Source/Control: D1045 - Process
- Emission Source/Control: D1046 - Process
- Emission Source/Control: D1047 - Process
- Emission Source/Control: D1050 - Process
- Emission Source/Control: D1051 - Process
- Emission Source/Control: D1052 - Process
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- Emission Source/Control: D1055 - Process
- Emission Source/Control: D1056 - Process
- Emission Source/Control: D1057 - Process
- Emission Source/Control: D1058 - Process
- Emission Source/Control: D1059 - Process
- Emission Source/Control: D1060 - Process
- Emission Source/Control: D1061 - Process
- Emission Source/Control: D1062 - Process
- Emission Source/Control: D1063 - Process
- Emission Source/Control: D1064 - Process
- Emission Source/Control: D1065 - Process

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- Emission Source/Control: D1121 - Process
- Emission Source/Control: D1122 - Process
- Emission Source/Control: D1123 - Process
- Emission Source/Control: D1124 - Process
- Emission Source/Control: D1125 - Process
- Emission Source/Control: D1126 - Process
- Emission Source/Control: D1127 - Process
- Emission Source/Control: D1128 - Process
- Emission Source/Control: D1129 - Process
- Emission Source/Control: D1130 - Process
- Emission Source/Control: D1131 - Process
- Emission Source/Control: D1132 - Process
- Emission Source/Control: D1133 - Process
- Emission Source/Control: D1134 - Process
- Emission Source/Control: D1135 - Process
- Emission Source/Control: D1136 - Process
- Emission Source/Control: D1137 - Process
- Emission Source/Control: D1138 - Process
- Emission Source/Control: D1139 - Process
- Emission Source/Control: D1140 - Process
- Emission Source/Control: D1141 - Process
- Emission Source/Control: D1142 - Process
- Emission Source/Control: D1143 - Process
- Emission Source/Control: D1144 - Process

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Item 46.10:

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

Emission Unit: D-10000

Process: DA3

Source Classification Code: 3-01-830-01

Process Description:

This process consists of dielectric fluid storage tanks and vacuum pumps used to maintain vacuum on the storage tanks. This process is vented via EPs 211, 212, and 338.

Emission Source/Control: D1160 - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: D1006 - Process

Emission Source/Control: D1007 - Process

Emission Source/Control: D1008 - Process

Emission Source/Control: D1009 - Process

Emission Source/Control: D1010 - Process

Emission Source/Control: D1011 - Process

Emission Source/Control: D1012 - Process

Emission Source/Control: D1013 - Process

Emission Source/Control: D1014 - Process

Emission Source/Control: D1015 - Process

Emission Source/Control: D1016 - Process

Emission Source/Control: D1017 - Process

Emission Source/Control: D1018 - Process

Emission Source/Control: D1019 - Process

Emission Source/Control: D1157 - Process

Emission Source/Control: D1158 - Process

Emission Source/Control: D1159 - Process

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Emission Source/Control: D1161 - Process

Emission Source/Control: D1162 - Process

Emission Source/Control: D1163 - Process

Emission Source/Control: D1164 - Process

Item 46.11:

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

Emission Unit: D-10000

Process: DA5

Source Classification Code: 3-13-999-99

Process Description:

This process consists of four capacitor leak test ovens which are vented via EP 340.

Emission Source/Control: D1023 - Process

Emission Source/Control: D1024 - Process

Emission Source/Control: D1025 - Process

Item 46.12:

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

Emission Unit: D-10000

Process: DA6

Source Classification Code: 3-13-999-99

Process Description:

This process consists of dielectric fluid refining columns, filter presses and holding bins which are vented via EPs 211, 212, 316, 339, and 341.

Emission Source/Control: D1027 - Process

Emission Source/Control: D1028 - Process

Emission Source/Control: D1049 - Process

Emission Source/Control: D1051 - Process

Emission Source/Control: D1052 - Process

Emission Source/Control: D1053 - Process

Emission Source/Control: D1054 - Process



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Emission Source/Control: D1055 - Process

Emission Source/Control: D1156 - Process

Emission Source/Control: D1165 - Process

Emission Source/Control: D1166 - Process

Emission Source/Control: D1167 - Process

Emission Source/Control: D1168 - Process

Item 46.13:

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

Emission Unit: D-10000

Process: DA7

Source Classification Code: 3-13-999-99

Process Description:

This process consists of a teardown table for purposes of capacitor quality control operations. This process is vented via EP 341.

Emission Source/Control: D1048 - Process

Item 46.14:

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

Emission Unit: D-10000

Process: DA9

Source Classification Code: 3-13-999-99

Process Description:

This process consists of several power capacitor heat/soak ovens which are vented via EP 274.

Emission Source/Control: D1078 - Process

Emission Source/Control: D1079 - Process

Emission Source/Control: D1080 - Process

Emission Source/Control: D1081 - Process

Emission Source/Control: D1082 - Process

Emission Source/Control: D1083 - Process

Emission Source/Control: D1084 - Process



- Emission Source/Control: D1085 - Process
- Emission Source/Control: D1086 - Process
- Emission Source/Control: D1087 - Process
- Emission Source/Control: D1088 - Process
- Emission Source/Control: D1089 - Process
- Emission Source/Control: D1090 - Process
- Emission Source/Control: D1091 - Process
- Emission Source/Control: D1092 - Process
- Emission Source/Control: D1093 - Process
- Emission Source/Control: D1094 - Process
- Emission Source/Control: D1095 - Process
- Emission Source/Control: D1096 - Process
- Emission Source/Control: D1097 - Process

Item 46.15:

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

Emission Unit: D-10000
Process: DB1 Source Classification Code: 3-13-999-99
Process Description:
 This process consists of capacitor external manifold fill stations and vacuum pump which are vented via Eps 266, 267, 313, 314, and 315.

- Emission Source/Control: D1120 - Control
Control Type: MIST ELIMINATOR
- Emission Source/Control: D1098 - Process
- Emission Source/Control: D1099 - Process
- Emission Source/Control: D1100 - Process
- Emission Source/Control: D1101 - Process



- Emission Source/Control: D1102 - Process
- Emission Source/Control: D1103 - Process
- Emission Source/Control: D1104 - Process
- Emission Source/Control: D1105 - Process
- Emission Source/Control: D1106 - Process
- Emission Source/Control: D1107 - Process
- Emission Source/Control: D1108 - Process
- Emission Source/Control: D1109 - Process
- Emission Source/Control: D1110 - Process
- Emission Source/Control: D1111 - Process
- Emission Source/Control: D1112 - Process
- Emission Source/Control: D1113 - Process
- Emission Source/Control: D1114 - Process
- Emission Source/Control: D1115 - Process
- Emission Source/Control: D1116 - Process
- Emission Source/Control: D1117 - Process
- Emission Source/Control: D1118 - Process
- Emission Source/Control: D1119 - Process

Item 46.16:

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

Emission Unit: D-10000

Process: DB2

Source Classification Code: 3-13-999-99

Process Description:

This process consists of two drain stations and a worktable for salvage and recovery of capacitor parts.
This process is vented via EP280.



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Emission Source/Control: D1169 - Process

Emission Source/Control: D1170 - Process

Emission Source/Control: D1171 - Process

Item 46.17:

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

Emission Unit: D-10000

Process: DB3

Source Classification Code: 3-13-999-99

Process Description:

This process consists of two vacuum pumps used to return residual dielectric fluids from manufacturing operations into storage tanks. This process is vented via EP 271.

Emission Source/Control: D1149 - Process

Emission Source/Control: D1150 - Process

Item 46.18:

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

Emission Unit: D-10000

Process: DB4

Process Description:

This process consists of a solder seal station which is vented via EP 334.

Emission Source/Control: D1006 - Process

Item 46.19:

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

Emission Unit: E-10000

Process: EA1

Source Classification Code: 1-02-006-02

Process Description:

This process consists of a 28 mmBTU boiler which is vented via EP173 and burns natural gas.

Emission Source/Control: E1001 - Combustion

Item 46.20:

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

Emission Unit: E-10000



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Process: EA2

Source Classification Code: 2-02-001-02

Process Description:

This process consists of an internal combustion emergency generator which is vented via EP 322.

Emission Source/Control: E1002 - Combustion

Item 46.21:

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

Emission Unit: E-10000

Process: EA3

Source Classification Code: 1-02-005-02

Process Description:

This process consists of a 28 mmBTU boiler which is vented via EP173 and burns No. 2 fuel oil.

Emission Source/Control: E1001 - Combustion

Item 46.22:

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

Emission Unit: F-10000

Process: FA1

Source Classification Code: 4-90-005-99

Process Description:

This process consists of an air stripper which is vented via EP242.

Emission Source/Control: F1001 - Process

Item 46.23:

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

Emission Unit: G-10000

Process: GA1

Source Classification Code: 3-13-999-99

Process Description:

This process consists of Di-butyl Sebecate refining tank and vacuum pump which vents via EP 290.

Emission Source/Control: G1004 - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: G1001 - Process

Item 46.24:

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

Emission Unit: G-10000



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Process: GA2

Source Classification Code: 3-13-999-99

Process Description:

This process consists of a treat tank and vacuum pump used for treating metal parts. This process is vented via EP 290

Emission Source/Control: G1003 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: G1002 - Process

Item 46.25:

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

Emission Unit: H-10000

Process: HA1

Source Classification Code: 3-13-999-99

Process Description:

This process consists of grinders which process scrap polypropylene film. This process is vented via EP 325.

Emission Source/Control: H1001 - Process

Item 46.26:

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

Emission Unit: I-10000

Process: IA1

Source Classification Code: 3-13-999-99

Process Description:

This process consists of an electric oven used to dry a sand mixture used for sand fuses. This process is vented via EP 330.

Emission Source/Control: I1001 - Process

Item 46.27:

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

Emission Unit: I-10000

Process: IA2

Source Classification Code: 3-13-999-99

Process Description:

This process consists of a hopper which holds a sand mixture used to fill sand fuses. This process is vented via EP 330.

Emission Source/Control: I1003 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

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Emission Source/Control: I1002 - Process

Item 46.28:

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

Emission Unit: I-10000

Process: IA3

Source Classification Code: 3-13-999-99

Process Description:

This process consists of a sand bin and mobile cart where HESP units are filled with sand. This process is vented via EP 330.

Emission Source/Control: I1003 - Control

Control Type: HIGH EFFICIENCY PARTICULATE AIR FILTER

Emission Source/Control: I1006 - Process

Item 46.29:

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

Emission Unit: I-10000

Process: IA4

Source Classification Code: 3-13-999-99

Process Description:

This process consists of two stations where an epoxy is applied to sand and expulsion fuses. This process is vented via EP330.

Emission Source/Control: I1004 - Process

Emission Source/Control: I1005 - Process

Item 46.30:

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

Emission Unit: I-10000

Process: IA5

Source Classification Code: 3-13-999-99

Process Description:

This process consists of one station in which a silicone lubrication is applied to HESP unit covers. This process is vented via EP 330.

Emission Source/Control: I1007 - Process

Item 46.31:

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

Emission Unit: J-10000

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Process: JA1

Source Classification Code: 3-04-001-12

Process Description:

This process consists of aluminum foil annealing ovens which are vented via EP's FM400 and FM500.

Emission Source/Control: J1001 - Process

Emission Source/Control: J1002 - Process

Item 46.32:

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

Emission Unit: K-10000

Process: KA1

Source Classification Code: 3-13-999-99

Process Description:

This process consists of three capacitor fill hole cleaning and nameplating stations which are vented via EP 283

Emission Source/Control: K1001 - Process

Emission Source/Control: K1002 - Process

Emission Source/Control: K1003 - Process