

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 9291100113**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 9-2911-00113/00039  
Mod 0 Effective Date: 01/27/2000 Expiration Date: 01/27/2005  
Mod 1 Effective Date: 03/19/2003 Expiration Date: 01/27/2005

Permit Issued To: AMERICAN REF-FUEL CO  
155 CHESTNUT RIDGE RD  
MONTVALE, NJ 07645

Contact: WILLIAM T GLEASON  
100 ENERGY BLVD @ 56TH STREET  
NIAGARA FALLS, NY 14304

Facility: AMERICAN REF-FUEL CO NIAGARA,PL  
100 ENERGY BLVD AT 56TH STREET  
NIAGARA FALLS, NY 14304

**Description:**

The site consists of two Deutsche Babcock Anlagen (DBA) furnace/boiler systems combusting solid wastes. One alternate fuels combustion system, one fossil fuel fired boiler and one fuel oil fired boiler system are also located at the site. The site has all other auxiliary equipment which is associated with a facility of this type, including but not limited to the following: an enclosed tipping hall, ash loadout area, cooling tower, and various storage areas. Steam which is generated at the site is supplied to an industrial consumer located adjacent to the facility. Additional steam is directed to a turbine generator to produce electricity. The electricity is used to power the facility, and excess electricity is sold to the local utility. The oil fired burner is controlled by American Ref-Fuel through a lease agreement. The major sources of emissions at the site are the two DBA boilers, alternate fuels boiler, two fossil-fueled fired boilers and ash loadout area. All other activities at the site are categorized as exempt, trivial or insignificant as defined in 6NYCRR Part 201-3.2, 201-3.3, and 201-6.3(d) 7, respectively.

This permit is being modified to add emission limits for mercury under 6 NYCRR Part 219-7.2. The limits for emissions of mercury are 28 micrograms per dry standard cubic meter or 85% reduction.

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By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator:            WILLIAM R ADRIANCE  
   DIVISION OF ENVIRONMENTAL PERMITS  
   625 BROADWAY  
   ALBANY, NY 12233-1750

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

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 9  
HEADQUARTERS

Submission of Applications for Permit Modification or Renewal -REGION 9  
SUBOFFICE



**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 1-1: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 1-1.1:**

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 1-1.2:**

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 1-1.3:**

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



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

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

**Expired by Mod No: 1**

**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 1-2: Permit Modifications, Suspensions and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Replaces Condition(s) 4**

**Item 1-2.1:**

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

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

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

**Replaced by Condition(s) 1-2**

**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 1-3: Submission of Applications for Permit Modification or Renewal -REGION 9 HEADQUARTERS**

**Applicable State Requirement: 6NYCRR 621.5(a)**

**Replaces Condition(s) 5**

**Item 1-3.1:**

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

NYSDEC Regional Permit Administrator  
Region 9 Headquarters  
Division of Environmental Permits  
270 Michigan Avenue  
Buffalo, NY 14203-2999  
(716) 851-7165

**Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 9 SUBOFFICE**

**Applicable State Requirement: 6NYCRR 621.5(a)**

**Replaced by Condition(s) 1-3**

**Item 5.1:**

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

NYSDEC Regional Permit Administrator  
Region 9 Sub-office  
Division of Environmental Permits  
128 South Street  
Olean, NY 14760-3632  
(716) 372-0645



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**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

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Authorized Activity By Standard Industrial Classification Code:  
4939 - COMBINATION UTILITY SERVICES  
4953 - REFUSE SYSTEMS



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 24 Emission Unit Definition
- 1-1 Recordkeeping and reporting of compliance monitoring
- 1-2 Monitoring, Related Recordkeeping, and Reporting Requirements.
- 1-3 Compliance Certification
- 1-4 Compliance Certification
- 27 Acceptable procedures - Stack test report submittal
- 28 Compliance Certification
- 29 Recordkeeping requirements
- 32 Compliance and performance testing.
- 1-5 Compliance Certification
- 1-6 Accidental release provisions.
- 1-7 Recycling and Emissions Reduction

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- 36 Process Definition By Emission Unit
- 37 Operating Manual
- 38 Operator Certification
- 39 Operator Training
- 40 Compliance Certification (EU=U-00001,Proc=MSW)
- 41 Compliance Certification (EU=U-00001,Proc=MSW)
- 42 Compliance Certification (EU=U-00001,Proc=MSW)
- 43 Compliance Certification (EU=U-00001,Proc=MSW)
- 44 Compliance Certification (EU=U-00001,Proc=MSW)
- 45 Compliance Certification (EU=U-00001,Proc=MSW)
- 46 MWC Unit Load Level
- 47 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW)
- 48 Compliance schedule, MWCs subject to 12/19/95 40 CFR60,  
Subpart Cb with compliance within 1 yr after State plan  
approval, but no later than 12/19/00.
- 49 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=DENOX)
- 50 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 51 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 52 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 53 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 54 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 55 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 56 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 57 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 58 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 59 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 60 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 61 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)



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- 62 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 63 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 64 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 65 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 66 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 67 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 68 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 69 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 70 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 71 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 72 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 73 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=FABRI)
- 74 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=INCIN)
- 75 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=INCIN)
- 76 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=INCIN)
- 77 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=INCIN)
- 78 Compliance Certification (EU=U-00001,EP=00001,Proc=MSW,ES=INCIN)
- 79 Compliance Certification (EU=U-110EF)
- 80 Compliance Certification (EU=U-110EF)
- 81 Compliance Certification (EU=U-110EF)
- 82 Compliance Certification (EU=U-110EF)
- 83 Compliance Certification (EU=U-110EF)
- 84 Compliance Certification (EU=U-110EF,Proc=ALT)
- 85 Compliance Certification (EU=U-110EF,Proc=ALT)
- 86 Compliance Certification (EU=U-110EF,Proc=ALT)
- 87 Compliance Certification (EU=U-110EF,Proc=ALT)
- 88 Compliance Certification (EU=U-110EF,Proc=ALT,ES=PARTI)
- 89 Compliance Certification (EU=U-110EF,Proc=OAG)
- 90 Compliance Certification (EU=U-110EF,Proc=OAG)
- 91 Compliance Certification (EU=U-110EF,Proc=OAG)
- 92 Compliance Certification (EU=U-110EF,Proc=OAG)
- 93 Compliance Certification (EU=U-110EF,Proc=OAG)
- 94 Compliance Certification (EU=U-110EF,Proc=OAG)
- 95 Alternative RACT Emissions
- 96 Compliance Certification (EU=U-110EF,EP=00003,Proc=GAS,ES=COMBU)
- 97 Compliance Certification (EU=U-110EF,EP=00003,Proc=GAS,ES=COMBU)
- 98 Compliance Certification (EU=U-110EF,EP=00003,Proc=OAG,ES=COMBU)
- 99 Compliance Certification (EU=U-110EF,EP=00003,Proc=OAG,ES=COMBU)
- 100 Compliance Certification (EU=U-110EF,EP=00003,Proc=OAG,ES=COMBU)
- 101 Compliance Certification (EU=U-110EF,EP=00003,Proc=OIL,ES=COMBU)
- 102 Compliance Certification (EU=U-110EF,EP=00003,Proc=OIL,ES=COMBU)
- 103 Compliance Certification (EU=U-110EF,EP=R1B01,Proc=GAS,ES=COMBU)
- 104 Compliance Certification (EU=U-110EF,EP=R1B01,Proc=GAS,ES=PARTI)
- 105 Testing, monitoring, and reporting requirements for very large boilers.
- 106 Compliance Certification (EU=U-110EF,EP=R1B01,Proc=OAG,ES=COMBU)
- 107 Compliance Certification (EU=U-110EF,EP=R1B01,Proc=OAG,ES=COMBU)
- 108 Compliance Certification (EU=U-110EF,EP=R1B01,Proc=OAG,ES=COMBU)



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- 109 Compliance Certification (EU=U-110EF,EP=R1B01,Proc=OIL,ES=COMBU)
- 110 Compliance Certification (EU=U-110EF,EP=R1B01,Proc=OIL,ES=PARTI)
- 111 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT)
- 112 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=COMBU)
- 113 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=COMBU)
- 114 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=COMBU)
- 115 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=COMBU)
- 116 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=COMBU)
- 117 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=COMBU)
- 118 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=COMBU)
- 119 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=PARTI)
- 120 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=PARTI)
- 121 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=PARTI)
- 122 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=PARTI)
- 123 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=PARTI)
- 124 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=ALT,ES=PARTI)
- 125 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=GAS,ES=COMBU)
- 126 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=GAS,ES=COMBU)
- 127 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=GAS,ES=PARTI)
- 128 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=OAG,ES=COMBU)
- 129 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=OAG,ES=COMBU)
- 130 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=OIL,ES=COMBU)
- 131 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=OIL,ES=COMBU)
- 132 Compliance Certification (EU=U-110EF,EP=R1B02,Proc=OIL,ES=PARTI)

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1-8 Contaminant List
- 1-9 Unavoidable noncompliance and violations
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- 1-10 Compliance Demonstration
- 1-11 Compliance Demonstration
- 138 Environmental Monitor

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- 139 Compliance Demonstration
- 140 Compliance Demonstration
- 141 Compliance Demonstration
- 142 Compliance Demonstration
- 143 Compliance Demonstration
- 144 Compliance Demonstration
- 145 Compliance Demonstration
- 146 Compliance Demonstration
- 147 Compliance Demonstration
- 148 Compliance Demonstration
- 149 Compliance Demonstration
- 150 Compliance Demonstration
- 151 Compliance Demonstration
- 152 Compliance Demonstration

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- 153 Compliance Demonstration
- 154 Compliance Demonstration
- 155 Compliance Demonstration
- 156 Compliance Demonstration
- 157 Compliance Demonstration
- 158 Compliance Demonstration
- 159 Compliance Demonstration

Mod 0 Permit Effective Date: 01/27/2000

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**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: Sealing - 6NYCRR Part 200.5**

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 labeling 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.

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.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

**Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6**

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.

**Item C: Maintenance of Equipment - 6NYCRR Part 200.7**

Any person who owns or operates an air contamination

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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.

**Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2**

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.

**Item E: Emergency Defense - 6NYCRR Part 201-1.5**

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the



emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

**Item F:                    Recycling and Salvage - 6NYCRR Part 201-1.7**

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.

**Item G:                    Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8**

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.

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

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

**Item I:                    Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)**

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

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requirements, regulations, or law.

- Item J: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)**  
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.
- Item K: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)**  
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.
- Item L: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**  
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- Item M: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**  
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
- Item N: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission**

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**Requirements - 6 NYCRR Part 201-6.5(a)(3)**

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

**Item O: Providing Information Upon Request - 6 NYCRR Part 201-6.5(a)(4)**

The permittee 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. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

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

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

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

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

**Item R: Fees - 6 NYCRR Part 201-6.5(a)(7)**

The owner and/or operator of a stationary source shall pay fees to the department consistent with the fee schedule authorized by 6 NYCRR Subpart 482-2.

**Item S: Right to Inspect - 6 NYCRR Part 201-6.5(a)(8)**

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

- i. Enter upon the permittee's premises where the permitted

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facility 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 facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

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

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

**Item U: Progress Reports and Compliance Schedules - 6 NYCRR Part 201-6.5(d)(5)**

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. 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.

**Item V: Off Permit Changes - 6 NYCRR Part 201-6.5(f)(6)**

No permit revision will be required for operating changes that contravene an express permit term, provided that such

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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 provisions 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 in advance of the proposed changes within a minimum of 7 days as required by 6 NYCRR §201-6.5(f)(6).

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

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

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

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Act;

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

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

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

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

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

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

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

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

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

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a shorter time period in the case of an emergency.

**Item Y: Required Emission Tests - 6 NYCRR Part 202-1.1**

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.

**Item Z: Visible Emissions Limited - 6 NYCRR Part 211.3**

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.

**Item AA: Open Fires - 6 NYCRR Part 215**

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.

**Item BB: 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 CC: Federally Enforceable Requirements - 40 CFR 70.6(b)**

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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.

**FEDERAL APPLICABLE REQUIREMENTS**

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

**Condition 24: Emission Unit Definition**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 24.1(From Mod 1):**

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

Emission Unit: U-00001

Building(s): STACK

**Item 24.2(From Mod 0):**

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

Emission Unit: U-110EF

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF THREE EMISSION POINTS (BOILERS) WHICH ARE EP R1B01 (EXISTING EFW1 RECONFIGURED WITH LOW NOX BURNERS OR RECONFIGURED EXISTING BURNERS IF PERMIT LIMITS CAN BE MET AND NOX CEMS INSTALLED), EP R1B02 (EXISTING EFW2) AND EP 00003 (B-110). ALL THREE BOILERS ARE PERMITTED TO COMBUST FOSSIL FUELS (I.E., LOW SULFUR DISTILLATE OIL AND NATURAL GAS). IN ADDITION, R1B02 IS ALLOWED LIMITED COMBUSTION OF ALTERNATE FUELS (ALT) WHICH CONSIST PRIMARILY OF WASTE WOOD.

Building(s): BLR50  
EFW12



**Item 24.3(From Mod 0):**

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

Emission Unit: U-ASHBD

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF A VENTILATION SYSTEM FOR THE ASH LOADOUT BUILDING. ALL VENTILATION DUCTS LEAD TO A BAGHOUSE AIR POLLUTION CONTROL DEVICE AND THEY ARE VENTED TO THE ATMOSPHERE.

Building(s): ALOBD

**Condition 1-1: Recordkeeping and reporting of compliance monitoring**  
**Effective between the dates of 03/19/2003 and 01/27/2005**

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

**Item 1-1.1:**

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

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

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

**Condition 1-2: Monitoring, Related Recordkeeping, and Reporting Requirements.**  
**Effective between the dates of 03/19/2003 and 01/27/2005**

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

**Item 1-2.1:**

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



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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 1-3: Compliance Certification**

**Effective between the dates of 03/19/2003 and 01/27/2005**

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

**Item 1-3.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 1-3.2:**

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,

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that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

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

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the



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semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2003.  
Subsequent reports are due every 6 calendar month(s).

**Condition 1-4: Compliance Certification**  
**Effective between the dates of 03/19/2003 and 01/27/2005**

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

**Replaces Condition(s) 25**

**Item 1-4.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 1-4.2:**

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

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permit that is the basis of the certification;

- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;

and

- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

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

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

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The address for the RAPCE is as follows:

270 Michigan Avenue  
Buffalo, NY 14203-2999

The address for the BCME is as follows:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 11/14/2003.

Subsequent reports are due on the same day each year

**Condition 27: Acceptable procedures - Stack test report submittal  
Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 202-1.3**

**Item 27.1:**

Emission test reports must be submitted in triplicate to the commissioner within 60 days after the completion of the tests, unless additional time is requested in writing.

**Condition 28: Compliance Certification  
Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 202-2.1**

**Item 28.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

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**Condition 29: Recordkeeping requirements**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 202-2.5**

**Item 29.1:**

(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 32: Compliance and performance testing.**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.38b, NSPS Subpart Cb**

**Item 32.1:**

The Permittee shall meet the compliance and performance testing requirements listed in 40 CFR 60.58b, as applicable, to determine compliance with the limits specified in this permit.

**Item 32.2:**

If the MWC achieves a dioxin/furan emission level less than or equal to 15 nanograms per dry standard cubic meter total mass, corrected to 7 percent oxygen, the alternative performance testing schedule for dioxins/furans specified in 40 CFR 60.58b(g)(5)(iii) may be used.

**Condition 1-5: Compliance Certification**  
**Effective between the dates of 03/19/2003 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.39b(a), NSPS Subpart Cb**

**Replaces Condition(s) 33**

**Item 1-5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 1-5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Permittee shall comply with the reporting and recordkeeping requirements listed in §60.59b of Subpart Eb, as applicable, excluding the siting requirements under

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§60.59b(a), (b)(5), and (d)(11).

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 45 days after the reporting period.

The initial report is due 11/14/2003.

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

**Condition 1-6: Accidental release provisions.**

**Effective between the dates of 03/19/2003 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 68.**

**Item 1-6.1:**

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 (if not previously submitted) one of the following if such quantities are present at the time of permit issuance:
  - 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:

USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866  
ATTN: Accidental Release Program contact

**Condition 1-7: Recycling and Emissions Reduction**

**Effective between the dates of 03/19/2003 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 82, Subpart F**

**Replaces Condition(s) 34**

**Item 1-7.1:**

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

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



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**Condition 35: Emission Point Definition By Emission Unit**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 35.1(From Mod 0):**

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 396

Diameter (in.): 138

NYTMN (km.): 4777.82 NYTME (km.): 173.629 Building: STACK

**Item 35.2(From Mod 0):**

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

Emission Unit: U-110EF

Emission Point: 00003

Height (ft.): 150

Diameter (in.): 120

NYTMN (km.): 4777.82 NYTME (km.): 173.629 Building: BLR50

Emission Point: R1B01

Height (ft.): 210

Diameter (in.): 120

NYTMN (km.): 4777.82 NYTME (km.): 173.629 Building: EFW12

Emission Point: R1B02

Height (ft.): 210

Diameter (in.): 120

NYTMN (km.): 4777.82 NYTME (km.): 173.629 Building: EFW12

**Item 35.3(From Mod 0):**

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

Emission Unit: U-ASHBD

Emission Point: 00006

Height (ft.): 20

Length (in.): 48

Width (in.): 24

NYTMN (km.): 4777.82 NYTME (km.): 173.629 Building: ALOBD

**Condition 36: Process Definition By Emission Unit**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 36.1(From Mod 1):**

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



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Emission Unit: U-00001

Process: AL1

Source Classification Code: 5-01-001-02

Process Description:

THIS PROCESS REPRESENTS ALL OPERATING SCENERIOS (THAT IS START-UP, SHUT DOWN, MALFUNCTIONS AND COMBUSTION OF MUNICIPAL SOLID WASTE) FOR THE LONG TERM EMISSION LIMITS (TONS PER YEAR). THE FACILITY SHALL COMPLY WITH THE EMISSION LIMITS ASSOCIATED WITH THIS PROCESS.

Emission Source/Control: DENOX - Control

Control Type: SELECTIVE NON-CATALYTIC REDUCTION (SNCR)

Emission Source/Control: FABRI - Control

Control Type: FABRIC FILTER

Emission Source/Control: SPRAY - Control

Control Type: DRY SPRAY ABSORBTION

Emission Source/Control: INCIN - Incinerator

Waste Feed Method: CHUTE FED

Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

**Item 36.2(From Mod 1):**

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

Emission Unit: U-00001

Process: MSW

Source Classification Code: 5-01-001-02

Process Description:

THE TWO IDENTICAL DBA SYSTEMS COMBUST SOLID WASTES WHICH INCLUDE RESIDENTIAL, COMMERICAL AND INDUSTRIAL NON-HAZARDOUS WASTES. ALL WASTES ARE COMBUSTED FOR THE PURPOSE OF DISPOSAL AND ENERGY RECOVERY. FOR PERIODS OF STARTUP, SHUTDOWN, OR MALFUNCTION, THE FACILITY WILL UTILIZE THE PROCEDURES IN 40 CFR 60.58A (A) TO ASSESS COMPLIANCE. ALSO THE MALFUNCTION AND EMERGENCY DEFENSE PROVISIONS OF 6 NYCRR PART 201-1.4 AND 201-1.5 APPLY TO THE FACILITY.

Emission Source/Control: DENOX - Control

Control Type: SELECTIVE NON-CATALYTIC REDUCTION (SNCR)

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

Emission Source/Control: SPRAY - Control  
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: INCIN - Incinerator  
Waste Feed Method: CHUTE FED  
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID  
WASTE

**Item 36.3(From Mod 1):**

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

Emission Unit: U-00001

Process: STS

Source Classification Code: 1-02-006-01

Process Description:

THIS PROCESS ID IS FOR THE START UP, SHUT  
DOWN AND MALFUNCTIONS SITUATION. FOSSIL  
FUELS (NATURAL GAS AND LOW SULFUR  
DISTILLATE OIL ONLY) SHALL BE USED DURING  
THE START UP, SHUT DOWN, AND OTHER UPSET  
CONDITIONS ON AN "AS NEEDED" BASIS.

Emission Source/Control: DENOX - Control  
Control Type: SELECTIVE NON-CATALYTIC REDUCTION  
(SNCR)

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

Emission Source/Control: SPRAY - Control  
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: INCIN - Incinerator  
Waste Feed Method: CHUTE FED  
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID  
WASTE

**Item 36.4(From Mod 0):**

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

Emission Unit: U-110EF

Process: AL2

Source Classification Code: 1-02-006-01

Process Description:

THIS PROCESS ID REPRESENTS ALL FIVE  
PROCESSES FOR THIS EMISSION UNIT (i.e.,

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OIL, GAS, ALT, OAG and STH) COMBINED FOR ANY PARTICULAR CONTAMINANT LISTED IN THE PROCESS EMISSION SUMMARY OR EMISSION UNIT COMPLIANCE CERTIFICATION.

Emission Source/Control: COMBU - Control  
Control Type: COMBUSTION CHAMBER

Emission Source/Control: PARTI - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

**Item 36.5(From Mod 0):**

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

Emission Unit: U-110EF

Process: ALT

Source Classification Code: 1-02-009-01

Process Description:

THIS PROCESS INVOLVES THE COMBUSTION OF ALTERNATE FUELS IN EMISSION POINT R1B02. DURING COMBUSTION OF THIS PROCESS, COMBUSTION OF DISTILLATE FUEL OIL IS PROHIBITED IN OTHER TWO FOSSIL FUEL FIRED BOILERS (I.E., R1B01 AND B-110). THE TYPE OF ALTERNATE FUEL THAT IS PROCESSED SHALL BE APPROVED BY NYSDEC REGION 9 AIR POLLUTION CONTROL ENGINEER. R1B01 IS PERMITTED TO FIRE NATURAL GAS WHILE R1B02 IS BURNING ALTERNATE FUELS.

Emission Source/Control: COMBU - Control  
Control Type: COMBUSTION CHAMBER

Emission Source/Control: PARTI - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

**Item 36.6(From Mod 0):**

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

Emission Unit: U-110EF

Process: GAS

Source Classification Code: 1-02-006-01

Process Description:

THIS PROCESS INVOLVES THE COMBUSTION OF GAS IN ANY ONE OR ALL OF THE THREE EMISSION POINTS (R1B01, R1B02 OR B110). PRECIPITATOR OPERATION IS NOT REQUIRED WHEN BURNING GAS.

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Emission Source/Control: COMBU - Control  
Control Type: COMBUSTION CHAMBER

Emission Source/Control: PARTI - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

**Item 36.7(From Mod 0):**

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

Emission Unit: U-110EF

Process: OAG

Source Classification Code: 1-02-005-01

Process Description:

THIS PROCESS INVOLVES THE COMBUSTION OF LOW SULFUR DISTILLATE OIL AND NATURAL GAS IN THE THREE FOSSIL-FUELED FIRED BOILERS (i.e., R1B01, R1B02 AND B-110 FOR THE EMISSION UNIT U-110EF). ALL THREE BOILERS MAY OPERATE SIMULTANEOUSLY AT THEIR MAXIMUM RATED HEAT INPUT PROVIDED: 1) R1B01 AND R1B02 FIRING NATURAL GAS WHEN B-110 FIRING LOW SULFUR DISTILLATE OIL; 2) NOT MORE THAN ONE OUT OF THE TWO MASS BURN INCINERATORS (EMISSION UNIT U-00001) FIRING MSW AND; 3) ALTERNATE FUELS (ALT) IS NOT COMBUSTED WHEN COMBUSTING DISTILLATE OIL IN ANY ONE OF THE FOSSIL-FUELED BOILERS. NOTE: ONLY TWO FOSSIL-FUELED FIRED BOILERS MAY BE IN OPERATION WHEN TWO DBA BOILERS ARE ON LINE.

Emission Source/Control: COMBU - Control  
Control Type: COMBUSTION CHAMBER

Emission Source/Control: PARTI - Control  
Control Type: ELECTROSTATIC PRECIPITATOR

**Item 36.8(From Mod 0):**

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

Emission Unit: U-110EF

Process: OIL

Source Classification Code: 1-02-005-01

Process Description:

THIS PROCESS INVOLVES THE COMUBSTION OF LOW SULFUR DISTILLATE OIL IN ANY ONE OR ALL OF THE THREE EMISSION POINTS (R1B01, R1B02 OR B-110).

Emission Source/Control: COMBU - Control



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Control Type: COMBUSTION CHAMBER

Emission Source/Control: PARTI - Control

Control Type: ELECTROSTATIC PRECIPITATOR

**Item 36.9(From Mod 0):**

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

Emission Unit: U-110EF

Process: STH

Source Classification Code: 1-02-006-01

Process Description:

THIS PROCESS INVOLVES THE START UP, SHUT DOWN, AND UPSET CONDITIONS OF EMISSION UNIT U-110EF. NATURAL GAS OR LOW SULFUR DISTILLATE OIL IS USED TO BRING EACH BOILER ON-LINE AND OFF-LINE. PRECIPITATOR OPERATION IS NOT REQUIRED WHEN NATURAL GAS OR OIL IS FIRED. BOILER B-110 DOES NOT HAVE A PRECIPITATOR.

Emission Source/Control: COMBU - Control

Control Type: COMBUSTION CHAMBER

Emission Source/Control: PARTI - Control

Control Type: ELECTROSTATIC PRECIPITATOR

**Item 36.10(From Mod 0):**

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

Emission Unit: U-ASHBD

Process: VNT

Source Classification Code: 5-01-004-02

Process Description:

THIS PROCESS INVOLVES THE OPERATION OF THE ASH LOADOUT SYSTEM.

Emission Source/Control: FILTR - Control

Control Type: FABRIC FILTER

**Condition 37: Operating Manual**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.35b, NSPS Subpart Cb**

**Item 37.1:**

This Condition applies to Emission Unit: U-00001

**Item 37.2:**

The Permittee must develop and update on a yearly basis a site-specific operating manual that must, at a



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minimum, address the elements of municipal waste combustor unit operation specified below. This manual must be found acceptable by the Department.

- (1) A summary of the applicable standards under 40 CFR 60, Subpart Cb;
- (2) A description of basic combustion theory applicable to a municipal waste combustor;
- (3) Procedures for receiving, handling, and feeding municipal solid waste;
- (4) Municipal waste combustor unit startup, shutdown, and malfunction procedures;
- (5) Procedures for maintaining proper combustion air supply levels;
- (6) Procedures for operating the municipal waste combustor unit within the standards established under 40 CFR 60, Subpart Cb;
- (7) Procedures for responding to periodic upset or off-specification conditions;
- (8) Procedures for minimizing particulate matter carryover;
- (9) Procedures for handling ash;
- (10) Procedures for monitoring municipal waste combustor unit emissions; and
- (11) Reporting and recording keeping procedures.

A training program shall be established to review the operating manual according to the schedule below, with each person who has responsibilities affecting the operation of a municipal waste combustor including, but not limited to, chief facility operators, shift supervisors, control room operators, ash handlers, maintenance personnel, and crane/load handlers. Training shall be completed as follows:

- (1) Initial training shall be completed no later than October 5, 1999; or the date prior to the day when the person assumes responsibilities affecting municipal waste combustor unit operation, whichever is later; and
- (2) Annually, following the initial training.

The operating manual must be kept in a readily accessible location for all persons required to undergo training. The operating manual and records of training must be available for inspection by the Department upon request.

**Condition 38: Operator Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.35b, NSPS Subpart Cb**

**Item 38.1:**

This Condition applies to Emission Unit: U-00001

**Item 38.2:**

Each chief facility operator and shift supervisor must obtain and maintain a current provisional operator certification from either the American Society of Mechanical Engineers (QRO-1-1994) or from another certification program acceptable to the Department by October 5, 1999.

Each chief facility operator and shift supervisor must have completed full certification or must have scheduled a full certification exam with either the American Society of Mechanical Engineers (QRO-1-1994) or another certification program acceptable to the Department by October 5, 1999.



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The Permittee shall not allow the municipal waste combustor to be operated at any time unless one of the following persons is on duty and at the municipal waste combustor unit: A fully certified chief facility operator, a provisionally certified chief facility operator who as of October 5, 1999 is scheduled to take the full certification exam, a fully certified shift supervisor, or a provisionally certified shift supervisor who as of October 5, 1999 is scheduled to take the full certification exam. If one of the persons listed above must leave the municipal waste combustor unit during their operating shift, a provisionally certified control room operator who is onsite at the municipal waste combustor unit may fulfill the requirement of this condition.

**Condition 39: Operator Training**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.35b, NSPS Subpart Cb**

**Item 39.1:**  
This Condition applies to Emission Unit: U-00001

**Item 39.2:**  
All chief facility operators, shift supervisors, and control room operators must complete a municipal waste combustor operator training course which is acceptable to the Department no later than October 5, 1999. This requirement does not apply to chief facility operators, shift supervisors, and control room operators who have obtained full certification from the American Society of Mechanical Engineers on or before October 5, 1998. The owner or operator may request that the Department waive the requirements of this condition for chief facility operators, shift supervisors, and control room operators who have obtained only provisional certification from the American Society of Mechanical Engineers on or before October 5, 1998.

**Condition 40: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 200.6**

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

Emission Unit: U-00001  
Process: MSW

**Item 40.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:  
1. REFUSE FEED INTO EACH FURNACE  
SHALL BE DISCONTINUED WITHIN 30-MINUTES  
OF THE TIME OF FAILURE OF THE AIR  
POLLUTION CONTROL DEVICE TREATING THE  
FLUE GAS FROM THAT FURNACE.

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2. THE AIR POLLUTION CONTROL DEVICE TREATING THE FLUE GAS FROM A FURNACE SHALL NOT BE OPERATED IN THE FLUE GAS BYPASS MODE AT ANY TIME WHEN COMBUSTIBLE WASTE IS CONTAINED IN THAT FURNACE. FLUE GAS BYPASS OF THE AIR POLLUTION CONTROL DEVICES TREATING THE FLUE GAS FROM A FURNACE IS PERMITTED AT ANY TIME DURING WHICH ONLY AUXILIARY FUEL IS BEING COMBUSTED IN THAT FURNACE.

RECORD KEEPING OF ABOVE INCIDENCES SHALL BE MAINTAINED AND SUBMITTED TO THE REGION 9 AIR POLLUTION CONTROL ENGINEER IN THE QUARTERLY EXCESS EMISSIONS REPORT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 41: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 41.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: MSW

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE ACID GAS SCRUBBER OUTLET TEMPERATURE SHALL NOT EXCEED 30 DEGREES FAHRENHEIT ABOVE THE MAXIMUM 4-HOUR BLOCK AVERAGE TEMPERATURE MEASURED AT THE INLET TO THE BAGHOUSE DURING THE MOST RECENT DIOXINS/FURAN TEST DEMONSTRATING COMPLIANCE WITH THE DIOXINS/FURAN

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EMISSIONS LIMITS IN THIS PERMIT.  
COMPLIANCE WITH THE TEMPERATURE  
REQUIREMENT SHALL BE DETERMINED USING  
PROCEDURES IN 40 CFR PART 60, SUBPART Ea,  
SECTION 60.58a(h) AND MUST BE ACCEPTABLE  
TO THE COMMISSIONER.

RECORD KEEPING OF THE FLUE GAS EXIT  
TEMPERATURE SHALL BE MAINTAINED AT THE  
SITE FOR DEPARTMENT REVIEW AND ANY  
EXCURSION OF THE VALUE SHALL BE REPORTED  
TO THE REGION 9 AIR POLLUTION CONTROL  
ENGINEER IN THE QUARTERLY EXCESS  
EMISSIONS REPORT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 42: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 42.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: MSW

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

TEMPERATURE OF GASES IN COMBUSTION ZONE  
MUST BE MAINTAINED AT A MINIMUM OF 1800  
DEGREES FAHRENHEIT(DEG F) FOR A RESIDENCE  
TIME OF NOT LESS THAN ONE SECOND, OR A  
TIME AND TEMPERATURE SHOWN TO BE  
EQUIVALENT TO 1800 DEGREES FAHRENHEIT AT  
1 SECOND. THE PERMITTEE SHALL DEMONSTRATE  
THE COMPLIANCE BASED ON A CONTINUOUS  
30-MINUTE AVERAGE OF READINGS ACCORDING  
TO A METHOD ACCEPTABLE TO THE

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DEPARTMENT.

NOTE: THE 1800 DEG F FURNACE TEMPERATURE IS NOT APPLICABLE FOR A 14-DAY PERIOD FOLLOWING A BOILER OUTAGE IN WHICH THE BOILER TUBES ARE CLEANED. AFTER CLEANING THE FURNACE, THE DBA FURNACE/BOILER WOULD BE STARTED UP ON FOSSIL FUEL (EITHER NATURAL GAS OR OIL) THEN SHIFTED TO SOLID WASTE AFTER THE BOILER IS PLACED ON-LINE. ON-LINE IS DEFINED AS OPERATING IN A MODE IN WHICH THE STEAM OUTPUT IS SIMILAR TO THAT OF THE OTHER BOILER WHICH IS BURNING SOLID WASTE (WITH A FURNACE TEMPERATURE MAINTAINED ABOVE 1800 DEG F). THE STEAM PARAMETERS THAT DEFINE AN ON-LINE BOILER WOULD BE STEAM CONDITIONS SUITABLE FOR THE STEAM TO BE SENT TO THE TURBINE (MINIMUM STEAM TEMPERATURE AND PRESSURE OF APPROXIMATELY 635 DEG F AND 950 PSIG, RESPECTIVELY).

RECORD KEEPING OF THE COMBUSTION ZONE TEMPERATURE SHALL BE MAINTAINED AT THE SITE FOR DEPARTMENT REVIEW AND ANY EXCURSION OF THE VALUE SHALL BE REPORTED TO THE REGION 9 AIR POLLUTION CONTROL ENGINEER IN THE QUARTERLY EXCESS EMISSIONS REPORT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 43: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 43.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: MSW

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**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

AUXILIARY BURNERS SHALL BE OPERATED AS NECESSARY TO MAINTAIN REQUIRED FURNACE TEMPERATURE AND DURING THE FOLLOWING EVENTS:

1. FURNACE START-UP PRIOR TO INTRODUCTION OF MUNICIPAL SOLID WASTE INTO THE FURNACE;
2. FURNACE SHUTDOWN WHEN MUNICIPAL SOLID WASTE FEED HAS BEEN DISCONTINUED UNTIL ALL REFUSE IS CLEARED FROM COMBUSTION CHAMBER;
3. WHEN PROCESSING marginally COMBUSTIBLE WASTE, DURING PERIODS OF MALFUNCTION, OR ANY OTHER TIME WHEN THE FURNACE TEMPERATURE REQUIREMENT CANNOT OTHERWISE BE MET.

RECORD KEEPING OF THE BURNERS USE DURING THE ABOVE EVENTS SHALL BE MAINTAINED AT THE SITE FOR DEPARTMENT REVIEW.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 44: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 44.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001  
Process: MSW

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**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

REFERENCE IS MADE TO DBA BOILERS #3 AND #4 CERTIFICATES TO OPERATE A291100-0383-00001 WITH SPECIAL PERMIT CONDITIONS DATED JUNE 23, 1994, AND AMENDMENTS TO THESE ORIGINAL PERMITS DATED OCTOBER 4, 1994; JANUARY 10, 1995; FEBRUARY 10, 1995; AND APRIL 18, 1995. THE PERMITTEE SHALL COMPLY WITH THE RECORD KEEPING / REPORTING REQUIREMENTS AS OUTLINED IN SPECIAL CONDITION NO.V. (A THROUGH E) OF AIR PERMIT CONDITIONS DATED JUNE 23, 1994. DATA ACQUISITION RECORDS OR MANUAL LOGS SHALL BE MAINTAINED AT THE SITE FOR DEPARTMENT REVIEW. REFERENCE IS ALSO MADE TO THE CORRESPONDENCE DATED FEBRUARY 10, 1995 FROM THE DEPARTMENT TO AMERICAN REF-FUEL FOR FURTHER CLARIFICATIONS ON RECORD KEEPING REQUIREMENTS.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 45: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.36b, NSPS Subpart Cb**

**Item 45.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: MSW

Regulated Contaminant(s):

CAS No: 068131-74-8 ASHES (RESIDUES)

**Item 45.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



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**Monitoring Description:**

Discharge to the atmosphere of visible emissions of combustion ash from the ash conveying system (including conveyor transfer points) may not exceed 5 percent of the observation period (i.e. 9 minutes per 3-hour period), as determined by EPA Reference Method 22 observations. This emission limit does not cover visible emissions discharged inside buildings or enclosures of ash conveying systems; however, it does cover visible emissions discharged to the atmosphere from buildings or enclosures of ash conveying systems. This emission limit does not apply during maintenance and repair of ash conveying systems.

Parameter Monitored: ASHES (RESIDUES)

Upper Permit Limit: 5 percent

Reference Test Method: EPA Ref. Method 22

Monitoring Frequency: ANNUALLY

Averaging Method: 9 MINUTES PER 3-HOUR PERIOD

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 46: MWC Unit Load Level**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.34b, NSPS Subpart Cb**

**Item 46.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: 00001  
Process: MSW

**Item 46.2:**

The Permittee shall not cause the municipal waste combustor to operate at a load level greater than 110 percent of the maximum demonstrated municipal waste combustor unit load (highest 4-hour block arithmetic average unit steam load (measured in pounds per hour) achieved during the most recent performance test during which compliance with the dioxin/furan emission limit was achieved) except as follows:

(1) During the annual dioxin/furan performance test and the 2 weeks preceding the annual dioxin/furan performance test, no municipal waste combustor unit load limit is applicable.

(2) The municipal waste combustor unit load limit may be waived in accordance with permission granted by the Department for the purpose of evaluating system performance, testing new technology or control technologies, diagnostic testing, or related activities for the purpose of improving municipal waste combustor performance or advancing the state-of-the-art for controlling municipal waste combustor emissions.

**Condition 47: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

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**Applicable Federal Requirement: 40CFR 60.34b(b), NSPS Subpart Cb**

**Item 47.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW

**Item 47.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Permittee shall not cause the municipal waste combustor to operate at a temperature, measured at the particulate matter control device inlet, exceeding 17 degrees C above the maximum demonstrated particulate matter control device temperature during four consecutive hours (4-hour block arithmetic average) during the most recent dioxin/furan performance test demonstrating compliance with the applicable dioxin/furan limit, except as follows:

- (1) During the annual dioxin/furan performance test and the 2 weeks preceding the annual dioxin/furan performance test, no particulate matter control device temperature limitations are applicable.
- (2) The particulate matter control device temperature limits may be waived in accordance with permission granted by the Department for the purpose of evaluating system performance, testing new technology or control technologies, diagnostic testing, or related activities for the purpose of improving municipal waste combustor performance or advancing the state-of-the-art for controlling municipal waste combustor emissions.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 17 degrees Centigrade (or Celsius)

Reference Test Method: ACCEPTABLE TO NYSDEC

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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



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**Condition 48: Compliance schedule, MWCs subject to 12/19/95 40 CFR60, Subpart Cb with compliance within 1 yr after State plan approval, but no later than 12/19/00. Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.39b, NSPS Subpart Cb**

**Item 48.1:**

This Condition applies to Emission Unit: U-00001 Emission Point: 00001  
Process: MSW

**Item 48.2:**

The Permittee shall be in full compliance with the requirements of federal 40 CFR 60, Subpart Cb (dated December 19, 1995) as incorporated under 6 NYCRR Part 200.10, as applicable, and as reflected within this permit, within 1 year after the date of USEPA approval of New York's Section 111(d)/129 State Plan for the implementation of the Municipal Waste Combustor Emission Guidelines, or by December 19, 2000, whichever is earlier.

**Condition 49: Compliance Certification Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001  
Process: MSW Emission Source: DENOX

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

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
NOX EMISSIONS FROM EACH FURNACE FLUE  
SHALL NOT EXCEED 140.25 LB/HR.  
COMPLIANCE SHALL BE BASED ON ANNUAL STACK  
TESTS USING 40CFR60, APPENDIX A, METHOD  
7A OR 7E AND 19 OR ANY EQUIVALENT METHOD  
ACCEPTABLE TO THE COMMISSIONER.

Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 140.25 pounds per hour  
Reference Test Method: M-7A OR 7E & 19  
Monitoring Frequency: ANNUALLY



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Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 50: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007440-43-9    CADMIUM

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

CADMIUM EMISSIONS FROM EACH FURNACE FLUE  
SHALL NOT EXCEED THE MORE STRINGENT  
OF:

- A. 0.0098 LB/HR; OR,
- B. THE EMISSION LIMIT SPECIFIED  
IN 40 CFR60.33b(a)(2)(i), NSPS  
SUBPART Cb.

COMPLIANCE SHALL BE BASED ON ANNUAL STACK  
TESTS USING 40CFR60, APPENDIX A, METHOD  
29 OR ANY EQUIVALENT METHOD ACCEPTABLE TO  
THE COMMISSIONER.

Parameter Monitored: CADMIUM  
Upper Permit Limit: 0.0098 pounds per hour  
Reference Test Method: METHOD 29  
Monitoring Frequency: ANNUALLY  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 51: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**



**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001  
Process: MSW Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007439-97-6 MERCURY

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

1. MERCURY EMISSIONS FROM EACH FURNACE FLUE SHALL NOT EXCEED THE MORE STRINGENT OF:

A. 95 UG/DSCM CORRECTED TO 7% O<sub>2</sub>, UNLESS UNCONTROLLED MERCURY EMISSIONS ARE REDUCED BY NOT LESS THAN 80% (THESE LIMITS ARE EFFECTIVE UNTIL OCTOBER 5, 1999, AT WHICH TIME THE LIMITS IN PARA. C BELOW APPLY): OR,

B. 0.064 LB/HR; OR,

C. EMISSION LIMITS AS SPECIFIED IN 40CFR60 SUBPART Cb, SECTION 33b(a)(3).

COMPLIANCE WITH MERCURY EMISSION LIMITS SHALL BE BASED ON ANNUAL STACK TEST BY USEPA TEST METHOD 29 (40CFR PART 60, APPENDIX A), AND MUST BE ACCEPTABLE TO THE COMMISSIONER.

2. THE PERMITTEE SHALL INSTALL, OPERATE AND MAINTAIN A CARBON ADSORPTION INJECTION SYSTEM OR OTHER SYSTEM FOR THE

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CONTROL OF MERCURY EMISSIONS FROM EACH FURNACE. THE MERCURY CONTROL SYSTEM SHALL INCLUDE A METHOD TO MONITOR THE FLOW RATE OF THE ADSORBING AGENT OR CHEMICAL REACTANT. 40 CFR 60.58b(m) CONTAINS REQUIREMENTS FOR THE FACILITY TO USE ACTIVATED CARBON INJECTION TO CONTROL MERCURY EMISSIONS. FACILITY MUST INCLUDE A DISCUSSION OF THE METHODS AND OPERATING PROCEDURES TO COMPLY WITH THE PROVISIONS OF 40 CFR 60.58b(m) IN THE NEXT ANNUAL STACK TEST REPORT. REPORT MUST INCLUDE RECENT PERFORMANCE TEST DATA FOR MERCURY CONTROL, CARBON MASS FEED RATE DURING THE PERFORMANCE TEST, CARBON INJECTION SYSTEM OPERATING PARAMETER(S) THAT ARE THE PRIMARY INDICATOR(S) OF THE CARBON MASS FEED RATE, AND AN ESTIMATE OF TOTAL CARBON USAGE OF THE PLANT FOR EACH CALENDAR QUARTER ACCORDING TO 40 CFR 60.58b(m)(3). NOTE: FACILITY MUST DEMONSTRATE THAT CARBON FEED RATES EQUAL OR EXCEED THE LEVEL(S) DOCUMENTATED DURING THE RECENT PERFORMANCE TESTS OR ARE ADEQUATE TO MAINTAIN COMPLIANCE WITH MERCURY EMISSION LIMITS. AVERAGING METHOD FOR CARBON FEED RATE SHALL BE A 6 - HOUR BLOCK (ARITHMETIC AVERAGE).

Parameter Monitored: MERCURY

Upper Permit Limit: 0.064 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 52: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 52.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001      Emission Point: 00001  
Process: MSW                  Emission Source: FABRI



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Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 52.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

EMISSIONS FROM EACH FURNACE FLUE SHALL NOT EXCEED 29 PPMDV CORRECTED TO 7% O<sub>2</sub>, BASED ON THE GEOMETRIC MEAN OF THE HOURLY ARITHMETIC AVERAGE EMISSION RATES DURING EACH TWENTY-FOUR HOUR DAILY PERIOD (12:00 MIDNIGHT TO THE FOLLOWING MIDNIGHT), UNLESS UNCONTROLLED EMISSIONS ARE REDUCED BY NOT LESS THAN 80 PERCENT.

COMPLIANCE SHALL BE BASED ON CEMS IN ACCORDANCE WITH 40 CFR 60 APPENDIX B AND F. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: TECO MODEL 43B

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 29.0 parts per million by volume  
(dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: METHOD 6C

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 53: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 53.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001      Emission Point: 00001  
Process: MSW                  Emission Source: FABRI

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

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**Item 53.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FOR SULFUR DIOXIDE (SO<sub>2</sub>)  
FROM EACH FURNACE FLUE SHALL NOT EXCEED  
104.4 LB/HR. COMPLIANCE SHALL BE BASED  
ON ANNUAL STACK TESTS USING 40CFR60  
APPENDIX A, METHOD 6C AND 19 OR ANY  
EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 104.4 pounds per hour

Reference Test Method: METHOD 6C & 19

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 54: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 54.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: MSW Emission Source: FABRI

Regulated Contaminant(s):

CAS No: 007664-39-3 HYDROGEN FLUORIDE

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

EMISSIONS OF FLUORIDE (AS HYDROGEN  
FLUORIDE) FROM EACH FURNACE FLUE SHALL  
NOT EXCEED 1.16 LB/HR. COMPLIANCE SHALL  
BE BASED ON ANNUAL STACK TESTS USING  
40CFR60, APPENDIX A, METHOD 26A OR ANY  
EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.





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The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 0NY075-00-5    PM-10

**Item 56.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PARTICULATE (PM) EMISSIONS FROM EACH FURNACE FLUE SHALL NOT EXCEED 0.010 GR/DSCF CORRECTED TO 7% O<sub>2</sub> OR 11.2 LB/HR WHICHEVER IS MORE STRINGENT. COMPLIANCE WITH THE PM EMISSION LIMITATION SHALL ALSO BE CONSIDERED AS COMPLIANCE WITH PARTICULATE EMISSIONS LESS THAN 10 MICRONS IN DIAMETER (PM<sub>10</sub>). COMPLIANCE SHALL BE BASED ON ANNUAL STACK TESTS USING 40CFR60, APPENDIX A, METHOD 5 OR ANY EQUIVALENT METHOD ACCEPTABLE TO THE COMMISSIONER.

Parameter Monitored: PM-10

Upper Permit Limit: 0.01 grains per dry standard cubic foot (corrected to 7% O<sub>2</sub>)

Reference Test Method: METHOD 5

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 57: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 57.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007439-92-1    LEAD

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**Item 57.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

LEAD EMISSIONS FROM EACH FURNACE FLUE  
SHALL NOT EXCEED THE MORE STRINGENT  
OF:

A. 0.079 LB/HR; OR,

B. THE EMISSION LIMIT SPECIFIED IN 40  
CFR 60.33b(a)(2)(iii), NSPS SUBPART  
Cb.

COMPLIANCE SHALL BE BASED ON ANNUAL STACK  
TESTS USING 40CFR60, APPENDIX A, METHOD  
29 OR ANY EQUIVALENT METHOD ACCEPTABLE TO  
THE COMMISSIONER.

Parameter Monitored: LEAD

Upper Permit Limit: 0.079 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 58: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 58.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: MSW Emission Source: FABRI

Regulated Contaminant(s):

CAS No: 007440-41-7 BERYLLIUM

**Item 58.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



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PERMIT LIMIT FOR BERYLLIUM OF 0.000245  
LB/HR FROM EACH FURNACE FLUE. COMPLIANCE  
SHALL BE BASED ON ANNUAL STACK TESTS  
USING 40CFR60, APPENDIX A, METHOD 29 OR  
ANY EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: BERYLLIUM  
Upper Permit Limit: 0.000245 pounds per hour  
Reference Test Method: METHOD 29  
Monitoring Frequency: ANNUALLY  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 59: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 59.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007440-38-2    ARSENIC

**Item 59.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
PERMIT LIMIT FOR ARSENIC OF 0.0049 LB/HR  
FROM EACH FURNACE FLUE. COMPLIANCE  
SHALL BE BASED ON ANNUAL STACK TESTS  
USING 40CFR60, APPENDIX A, METHOD 29 OR  
ANY EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: ARSENIC  
Upper Permit Limit: 0.0049 pounds per hour  
Reference Test Method: METHOD 29  
Monitoring Frequency: ANNUALLY  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



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**Condition 60: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 60.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

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

**Item 60.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PERMIT LIMIT FOR SULFUR DIOXIDE (SO<sub>2</sub>)  
FROM EACH FURNACE FLUE SHALL NOT EXCEED  
104.4 LB/HR BASED ON 3 HR ROLLING  
AVERAGE. CONTINUOUS MONITORING OF SO<sub>2</sub>  
IS REQUIRED USING CEMS INSTALLED,  
MAINTAINED AND OPERATED IN ACCORDANCE  
WITH 40 CFR 60 APPENDIX B, PERFORMANCE  
SPECIFICATION 2 AND APPENDIX F. EXCESS  
EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: TECO MODEL 43B

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 104.4 pounds per hour

Reference Test Method: PS 2 & METHOD 19

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 61: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 61.1:**

The Compliance Certification activity will be performed for:



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Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

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

**Item 61.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

COMPOSITE SULFUR DIOXIDE EMISSIONS FROM THE TWO (2) FURNACE FLUES SHALL NOT EXCEED 298 TONS PER YEAR AS DETERMINED BY CONTINUOUS MONITORING. THE INDIVIDUAL MASS EMISSIONS CORRESPONDING TO EACH FURNACE MUST BE TOTALIZED USING THE HOURLY ARITHMETIC AVERAGE EMISSION RATES DURING EACH TWENTY-FOUR HOUR DAILY PERIOD (12:00 MIDNIGHT TO THE FOLLOWING MIDNIGHT). THE COMPOSITE SULFUR DIOXIDE EMISSION LIMIT OF 298 TONS PER YEAR SHALL BE BASED ON A ROLLING 365 DAY AGGREGATE OF TOTALIZED DAILY EMISSIONS. EXCEEDANCE OF THIS LIMIT SHALL BE REPORTED IN THE QUARTERLY EXCESS EMISSIONS REPORT. THE PERMITTEE SHALL INSTALL, OPERATE AND MAINTAIN A SYSTEM FOR THE CONTINUOUS MEASUREMENT AND RECORDING OF THE SO<sub>2</sub> MASS EMISSION RATE FROM EACH FURNACE TO DEMONSTRATE COMPLIANCE WITH THE ABOVE STATED CONDITION. THIS SYSTEM SHALL INCLUDE EITHER (a) A FLOW MONITOR FOR EACH FURNACE MEETING THE REQUIREMENTS OF 40 CFR PART 75 OR OTHER CERTIFICATION PROCEDURES ACCEPTABLE TO THE DEPARTMENT OR USEPA; OR, (b) ANY OTHER METHOD DEEMED ACCEPTABLE BY THE DEPARTMENT OR THE USEPA, INCLUDING BUT NOT LIMITED TO PROCEDURES DEVELOPED IN CONFORMANCE WITH 40 CFR 60, APPENDIX A, METHOD 19, TO DETERMINE INDIVIDUAL SO<sub>2</sub> MASS EMISSIONS FROM EACH FURNACE. CEMS SHALL BE INSTALLED, MAINTAINED AND OPERATED IN ACCORDANCE WITH 40 CFR 60, APPENDIX B, PERFORMANCE SPECIFICATION 2 AND APPENDIX F.



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Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

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

**Item 63.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:  
Opacity emission limit.

Parameter Monitored: OPACITY  
Upper Permit Limit: 10 percent  
Reference Test Method: PS 1 & METHOD 9  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 6 MINUTE AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 64: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.33b(a)(2)(i), NSPS Subpart Cb**

**Item 64.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007440-43-9    CADMIUM

**Item 64.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
Cadmium emission limit.

Parameter Monitored: CADMIUM  
Upper Permit Limit: 0.04 milligrams per dry standard



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cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Ref. Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 65: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.33b(a)(2)(iii), NSPS Subpart Cb**

**Item 65.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: MSW Emission Source: FABRI

Regulated Contaminant(s):

CAS No: 007439-92-1 LEAD

**Item 65.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Lead emission limit. The Upper Limit for lead of 0.49 milligrams per dry standard cubic meter (corrected to 7% O<sub>2</sub>) shall be reduced to 0.44 milligrams per dry standard cubic meter (corrected to 7% O<sub>2</sub>) effective April 12, 2002.

Parameter Monitored: LEAD

Upper Permit Limit: 0.49 milligrams per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Ref. Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 66: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.33b(a)(3), NSPS Subpart Cb**

**Item 66.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001



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Process: MSW

Emission Source: FABRI

Regulated Contaminant(s):

CAS No: 007439-97-6      MERCURY

**Item 66.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit. The Permittee shall meet the less stringent of this limit (concentration), or the 85 percent reduction by weight Mercury emission limit provided in this permit.

Parameter Monitored: MERCURY

Upper Permit Limit: 0.08 milligrams per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Ref. Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 67: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.33b(a)(3), NSPS Subpart Cb**

**Item 67.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: MSW

Emission Source: FABRI

Regulated Contaminant(s):

CAS No: 007439-97-6      MERCURY

**Item 67.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit. The Permittee shall meet the less stringent of this limit (percent reduction), or the concentration Mercury emission limit provided in this permit.

Parameter Monitored: MERCURY



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Lower Permit Limit: 85 percent reduction by weight

(corrected to 7% O<sub>2</sub>, dry basis)

Reference Test Method: EPA Ref. Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 68: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.33b(b)(1)(i), NSPS Subpart Cb**

**Item 68.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: MSW Emission Source: FABRI

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 68.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Sulfur dioxide emission limit. The Permittee shall meet the less stringent of this limit (concentration), or the 75 percent reduction by weight or volume Sulfur Dioxide emission limit provided in this permit. The Upper Limit for Sulfur Dioxide of 31 parts per million by volume (dry, corrected to 7% O<sub>2</sub>) shall be reduced to 29 parts per million by volume (dry, corrected to 7% O<sub>2</sub>) effective April 12, 2002.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 31 parts per million by volume (dry, corrected to 7% O<sub>2</sub>)

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 69: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

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**Applicable Federal Requirement: 40CFR 60.33b(b)(1)(i), NSPS Subpart Cb**

**Item 69.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

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

**Item 69.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Sulfur dioxide emission limit. The Permittee shall meet the less stringent of this limit (percent reduction), or the concentration Sulfur Dioxide emission limit provided in this permit.

Parameter Monitored: SULFUR DIOXIDE

Lower Permit Limit: 75 percent reduction by weight or volume (corrected to 7% O<sub>2</sub>, dry basis)

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 70: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.33b(b)(2)(i), NSPS Subpart Cb**

**Item 70.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007647-01-0    HYDROGEN CHLORIDE

**Item 70.2:**

Compliance Certification shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrogen chloride emission limit. The Permittee shall meet the less stringent of this limit (concentration), or the 95 percent reduction by weight or volume Hydrogen Chloride emission limit provided in this permit. The Upper Limit for Hydrogen Chloride of 31 parts per million by volume (dry, corrected to 7% O<sub>2</sub>) shall be reduced to 29 parts per million by volume (dry, corrected to 7% O<sub>2</sub>) effective April 12, 2002.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 31 parts per million by volume (dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: EPA Method 26/26A

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 71: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.33b(b)(2)(i), NSPS Subpart Cb**

**Item 71.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001      Emission Point: 00001  
Process: MSW                      Emission Source: FABRI

Regulated Contaminant(s):

CAS No: 007647-01-0      HYDROGEN CHLORIDE

**Item 71.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrogen chloride emission limit. The Permittee shall meet the less stringent of this limit (percent reduction), or the concentration Hydrogen Chloride emission limit provided in this permit.

Parameter Monitored: HYDROGEN CHLORIDE

Lower Permit Limit: 95 percent reduction by weight or volume (corrected to 7% O<sub>2</sub>, dry basis)



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Reference Test Method: EPA Method 26/26A  
Monitoring Frequency: ANNUALLY  
Averaging Method: ARITHMETIC MEAN  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 72: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.33b(c)(1)(ii), NSPS Subpart Cb**

**Item 72.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 001746-01-6    2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

**Item 72.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Total Dioxin/furan emission limit for municipal waste combustor that does not employ an electrostatic precipitator-based emission control system.

Parameter Monitored: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Upper Permit Limit: 30 nanograms per dry standard cubic meter (total mass, corrected to 7% O<sub>2</sub>)

Reference Test Method: EPA Ref. Method 23

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 73: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.33b(d), NSPS Subpart Cb**

**Item 73.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI



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Regulated Contaminant(s):

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

**Item 73.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Nitrogen oxide emission limit for mass burn waterwall municipal waste combustor, not utilizing a NO<sub>x</sub> emissions averaging plan. The Upper Limit for Nitrogen Oxide of 200.0 parts per million by volume (dry, corrected to 7% O<sub>2</sub>) shall be revised to 205.0 parts per million by volume (dry, corrected to 7% O<sub>2</sub>) effective April 12, 2002.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 200 parts per million by volume  
(dry, corrected to 7% O<sub>2</sub>)

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 74: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 74.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: MSW Emission Source: INCIN

Regulated Contaminant(s):

CAS No: 051207-31-9 2,3,7,8-TETRACHLORODIBENZOFURAN

**Item 74.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FROM EACH FURNACE FLUE SHALL NOT EXCEED 0.3\* NG/DSCM @ 7% O<sub>2</sub> OR 1.47E-07 LBS/HR, WHICHEVER IS MORE

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STRINGENT, FOR TOTAL POLYCHLORINATED DIBENZO-P-DIOXINS AND POLYCHLORINATED DIBENZO FURANS (TETRA-OCTA HOMOLOGUE GROUPS AS WELL AS ASSOCIATED 2,3,7,8 SUBSTITUTED COGENERS) EXPRESSED AS 2,3,7,8 TETRACHLORINATED DIBENZO-PARA-DIOXIN EQUIVALENTS USING TOXIC EQUIVALENCY FACTORS LISTED IN PART 219-1.1(b)(2). COMPLIANCE SHALL BE BASED ON STACK TESTING USING 40CFR60 APPENDIX A, METHOD 23.

\* THIS IS A MAXIMUM VALUE NOT TO BE EXCEEDED. THE PERMITTEE SHALL EMPLOY BEST MANAGEMENT PRACTICES WITH A GOAL TOWARDS MINIMIZATION OF DIOXIN EMISSIONS TO A TARGET VALUE OF 0.2 NANOGRAM PER DRY STANDARD CUBIC METER.

Parameter Monitored: 2,3,7,8-TETRACHLORODIBENZOFURAN

Upper Permit Limit: 0.3 nanograms per dry standard cubic meter (total mass, corrected to 7% O<sub>2</sub>)

Reference Test Method: METHOD 23

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 75: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 75.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001      Emission Point: 00001  
Process: MSW                  Emission Source: INCIN

Regulated Contaminant(s):  
CAS No: 000630-08-0      CARBON MONOXIDE

**Item 75.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
PERMIT LIMIT FOR CARBON MONOXIDE (CO)

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FROM EACH FURNACE FLUE SHALL NOT EXCEED  
228.05 LBS/HR. COMPLIANCE SHALL BE BASED  
ON ANNUAL STACK TESTS USING 40CFR60,  
APPENDIX A, METHOD 10 OR ANY EQUIVALENT  
METHOD ACCEPTABLE TO THE COMMISSIONER.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 228.05 pounds per hour

Reference Test Method: METHOD 10

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 76: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 76.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: MSW Emission Source: INCIN

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 76.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FOR VOLATILE ORGANIC  
COMPOUNDS (VOC) SHALL NOT EXCEED OF 20  
PPMDV @ 7% O<sub>2</sub> FROM EACH FURNACE FLUE.  
COMPLIANCE SHALL BE BASED ON ANNUAL STACK  
TESTS USING 40CFR60, APPENDIX A, METHOD  
25A OR ANY EQUIVALENT METHOD ACCEPTABLE  
TO THE COMMISSIONER.

Parameter Monitored: VOC

Upper Permit Limit: 20.0 parts per million by volume  
(dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: METHOD 25A

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED



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Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 77: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A**

**Item 77.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: INCIN

Regulated Contaminant(s):  
CAS No: 000630-08-0    CARBON MONOXIDE

**Item 77.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

COMPOSITE CARBON MONOXIDE (CO) EMISSIONS FROM THE TWO (2) FURNACE FLUES SHALL NOT EXCEED 274 TONS PER YEAR AS DETERMINED BY CONTINUOUS MONITORING. THE INDIVIDUAL MASS EMISSIONS CORRESPONDING TO EACH FURNACE MUST BE TOTALIZED USING THE HOURLY ARITHMETIC AVERAGE EMISSION RATES DURING EACH TWENTY-FOUR HOUR DAILY PERIOD (12:00 MIDNIGHT TO THE FOLLOWING MIDNIGHT). THE COMPOSITE CO EMISSION LIMIT OF 274 TONS PER YEAR SHALL BE BASED ON A ROLLING 365 DAY AGGREGATE OF TOTALIZED DAILY EMISSIONS. EXCESS EMISSIONS ARE TO BE REPORTED.

THE PERMITTEE SHALL INSTALL, OPERATE AND MAINTAIN A SYSTEM FOR THE CONTINUOUS MEASUREMENT AND RECORDING OF THE CO MASS EMISSION RATE FROM EACH FURNACE FLUE TO DEMONSTRATE COMPLIANCE WITH THE ABOVE STATED CONDITION. THIS SYSTEM SHALL INCLUDE EITHER (a) A FLOW MONITOR FOR EACH FURNACE MEETING THE REQUIREMENTS OF 40 CFR PART 75 OR OTHER CERTIFICATION PROCEDURES ACCEPTABLE TO THE DEPARTMENT OR USEPA; OR, (b) ANY OTHER METHOD DEEMED ACCEPTABLE BY THE DEPARTMENT OR THE



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USEPA, INCLUDING BUT NOT LIMITED TO PROCEDURES DEVELOPED IN CONFORMANCE WITH 40 CFR 60, APPENDIX A, METHOD 19, TO DETERMINE INDIVIDUAL CO MASS EMISSIONS FROM EACH FURNACE. CEMS SHALL BE INSTALLED, MAINTAINED AND OPERATED IN ACCORDANCE WITH 40 CFR 60 APPENDIX B, PERFORMANCE SPECIFICATION 4 AND APPENDIX F.

Manufacturer Name/Model Number: TECO MODEL 48  
Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 274 tons per year  
Reference Test Method: SEE DESCRIPTION  
Monitoring Frequency: CONTINUOUS  
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 78: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.34b(a), NSPS Subpart Cb**

**Item 78.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: INCIN

Regulated Contaminant(s):  
CAS No: 000630-08-0    CARBON MONOXIDE

**Item 78.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
Carbon monoxide emission limit for mass burn waterwall  
municipal waste combustor.

Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 100 parts per million by volume  
(dry, corrected to 7% O<sub>2</sub>)  
Reference Test Method: METHOD 10  
Monitoring Frequency: CONTINUOUS



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Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 79: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 79.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

**Item 79.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

MAXIMUM HOURLY HEAT INPUT LIMITED TO 880  
MMBTU/HR, TOTAL FOR R1B01 AND R1B02, AND  
359 MMBTY/HR FOR B-110 (ALL VERIFIED BY  
STEAM FLOW). RECORD KEEPING OF STEAM  
FLOW SHALL BE MAINTAINED. HEAT INPUT  
DATA SHALL BE SUBMITTED TO THE NYSDEC  
REGION 9 AIR POLLUTION CONTROL ENGINEER  
UPON REQUEST OF THE REGULATORY AGENCY.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 80: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 80.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

**Item 80.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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**Monitoring Description:**

MAXIMUM COMBINED ANNUAL HEAT INPUT LIMITED TO 3,600,000 MM BTU/YR (TOTAL FOR R1B01, R1B02 AND B110, VERIFIED BY FUEL USE). RECORD KEEPING OF FUEL USAGE FOR ALL THREE BOILERS SHALL BE MAINTAINED AND SUBMITTED TO THE NYSDEC REGION 9 AIR POLLUTION CONTROL ENGINEER IN THE QUARTERLY "FUEL USED SUMMARY REPORT".

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 81: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 81.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

**Item 81.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSION POINT 00003 (BOILER B-110) IS NOT ALLOWED TO PRODUCE STEAM FOR ELECTRICAL GENERATION. REF-FUEL SHALL CERTIFY ANNUALLY TO THE NYSDEC REGION 9 AIR POLLUTION CONTROL ENGINEER THAT NO STEAM FROM B-110 HAS BEEN USED TO PRODUCE ELECTRICITY.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 45 days after the reporting period.

The initial report is due 11/14/2000.

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

**Condition 82: Compliance Certification**

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**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 82.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

**Item 82.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FOLLOWING SHALL BE REPORTED  
QUARTERLY TO THE NYSDEC REGION 9 AIR  
POLLUTION CONTROL ENGINEER:

- 1) TOTAL QUARTERLY AND YEAR TO DATE  
FUEL USAGE AND HEAT INPUT OF FUELS FOR  
EMISSION POINTS R1B01, R1B02 AND 00003  
(B-110);
- 2) SULFUR CONTENT OF DISTILLATE OIL FOR  
R1B01, R1B02 AND B-110 (NOT TO EXCEED  
0.05%) BASED ON THE CERTIFICATION BY THE  
SUPPLIER FOR EACH BATCH OF FUELS  
RECEIVED; AND
- 3) SULFUR CONTENT OF THE ALTERNATE  
FUELS FOR R1B02 BASED ON QUARTERLY  
SAMPLING. SULFUR CONTENT OF ALTERNATE  
FUEL IS LIMITED BY THE SO<sub>2</sub> EMISSION  
LIMITS AS SPECIFIED IN THIS PERMIT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 83: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 83.1:**

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The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

**Item 83.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ALL THREE FOSSIL FUELED BOILERS (I.E., R1B01, R1B02 AND B-110) MAY OPERATE SIMULTANEOUSLY AT THEIR MAXIMUM RATED HEAT INPUT WHILE FIRING OIL AND/OR GAS PROVIDED THE FOLLOWING CONDITIONS ARE MET:

- 1) R1B01 AND R1B02 FIRING NATURAL GAS ONLY WHEN B-110 FIRING LOW SULFUR DISTILLATE OIL;
- 2) ONLY ONE OUT OF THE TWO MASS BURN INCINERATORS (EMISSION UNIT U-00001) FIRING MSW;
- 3) ALTERNATE FUELS (ALT) IS NOT COMBUSTED IN R1B02 WHEN COMBUSTING DISTILLATE OIL IN ANY ONE OF THE FOSSIL FUELED BOILERS, EXCEPT DURING PERIODS OF START-UP OR SHUTDOWN WHEN ONE BOILER MAY BE BROUGHT ON LINE. NOTE: ALTERNATE FUELS CAN ONLY BE COMBUSTED IN R1B02.
- 4) COMPLIANCE WITH THE ABOVE CONDITIONS SHALL BE DEMONSTRATED BY RECORD KEEPING AND SUBMITTING THE SAME TO THE NYSDEC REGION 9 AIR POLLUTION CONTROL ENGINEER UPON REQUEST OF THE REGULATORY AGENCY.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 84: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

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**Item 84.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: ALT

**Item 84.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

DEMONSTRATION OF COMPLIANCE WITH THE EMISSION LIMITS AS SPECIFIED IN THIS PERMIT AND ADDITIONAL CONTAMINANTS AS DEEMED APPROPRIATE BY THE COMMISSIONER BASED ON ALTERNATE FUEL ANALYSIS AND POTENTIAL PRODUCTS OF INCOMPLETE COMBUSTION SHALL BE DETERMINED FROM STACK TESTING PERFORMED ACCORDING TO A PROTOCOL APPROVED BY THE DEPARTMENT. THIS PROTOCOL MUST BE SUBMITTED TO THE DEPARTMENT 60 DAYS PRIOR TO SAMPLING. ALL TESTING SHALL BE CONDUCTED, WHERE APPROPRIATE, ACCORDING TO USEPA REFERENCE METHODS, AS GIVEN IN 40 CFR PART 60, APPENDIX A, AND MUST BE ACCEPTABLE TO THE COMMISSIONER. WITNESSING BY THE DEPARTMENT OF ALL STACK TESTS IS REQUIRED. THE DEPARTMENT WILL NOT ACCEPT THE RESULTS OF ANY STACK TESTS DONE IN THE ABSENCE OF AN APPROVED PROTOCOL, OR WHICH ARE NOT WITNESSED. NOTE: A STACK TEST MUST BE PERFORMED AT THE CONCLUSION OF THE ALTERNATE FUELS COMBUSTION TRANSITIONAL PERIOD (IE; AFTER 30 SEPT, 1999).

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 85: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 85.1:**

Air Pollution Control Permit Conditions



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The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: ALT

**Item 85.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

CEMS ARE REQUIRED ON R1B02 FOR S02, NOX, CO, O2 AND OPACITY WHEN FIRING AF. CEMS SHALL BE INSTALLED, MAINTAINED AND OPERATED AS SPECIFIED IN 40 CFR PART 60, APPENDIX B AND APPENDIX F, AND MUST BE ACCEPTABLE TO THE COMMISSIONER. CEMS SHALL BE MAINTAINED OPERATIONAL INCLUDING THE REQUIREMENTS FOR QUARTERLY CYLINDER GAS AUDITS (CGA) AND ANNUAL RELATIVE ACCURACY TEST AUDITS (RATA). SHOULD THESE CERTIFICATION TESTS BE OMITTED AS REGULARLY SCHEDULED, RECERTIFICATION OF THE CEMS WOULD BE REQUIRED PRIOR TO FIRING AF.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 86: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 86.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: ALT

**Item 86.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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THE EMISSION POINT R1B02 SHALL BE LIMITED TO A MAXIMUM STEAM (HEAT INPUT) OF 110% OF THE STEAM FLOW DURING THE MOST RECENT DIOXIN/FURAN STACK TEST WHILE FIRING ALTERNATE FUEL. STACK HEIGHT OF R1B02 SHALL BE PERMITTED TO REMAIN AT 210 FEET WITH STACK DIAMETER OF 10 FEET WHILE FIRING ALTERNATE FUEL, GAS OR OIL. R1B01 MAY ALSO REMAIN AT 210 FEET WHILE BURNING OIL OR GAS. RECORDING OF ALTERNATE FUEL USAGE SHALL BE MAINTAINED AND SUBMITTED TO THE NYSDEC REGION 9 AIR POLLUTION CONTROL ENGINEER IN THE QUARTERLY "FUEL USED SUMMARY REPORT".

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 87: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 87.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: ALT

**Item 87.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PERMITTEE MUST COMPLY WITH THE APPROVED QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) PLAN, DATED JANUARY 1998 FOR RECEIPT, STORAGE AND COMBUSTION OF ALTERNATE FUEL (ALT). THE DEPARTMENT MAY REQUEST DISCUSSION OF ADDITIONAL PARAMETERS UPON PERIODIC REVIEW OF THE PLAN. ANY ALT FUEL TYPE FOR COMBUSTION MUST RECEIVE PRIOR APPROVAL FROM THE NYSDEC REGION 9 AIR POLLUTION CONTROL

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ENGINEER. RECORD KEEPING OF THE ITEMS LISTED IN THE PLAN SHALL BE MAINTAINED AND SUBMITTED QUARTERLY TO THE ON-SITE MONITOR AND ANNUALLY TO THE REGIONAL AIR POLLUTION CONTROL ENGINEER.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 45 days after the reporting period.

The initial report is due 11/14/2000.

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

**Condition 88: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.4**

**Item 88.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: ALT                      Emission Source: PARTI

Regulated Contaminant(s):

CAS No: 0NY075-00-0    PARTICULATES

**Item 88.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

EMISSIONS OF SOLID PARTICULATES ARE LIMITED TO LESS THAN 0.05 GRAINS PER DRY STANDARD CUBIC FOOT OF EXHAUST GAS. COMPLIANCE TESTING TO BE CONDUCTED AT THE REQUEST OF THE DEPARTMENT.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: METHOD 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 89: Compliance Certification**



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**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 89.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: OAG

**Item 89.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

MAXIMUM COMBINED ANNUAL HEAT INPUT SHALL BE LIMITED TO 1,800,000 MM BTU / YR (VERIFIED BY FUEL USAGE) WHEN FIRING DISTILLATE OIL IN ALL THREE UNITS (R1B01, R1B02 AND B-110). FUEL USAGE RECORDS FOR THE UNIT SHALL BE MAINTAINED AND SUBMITTED TO THE REGION 9 AIR POLLUTION CONTROL ENGINEER IN THE QUARTERLY FUEL USED SUMMARY REPORT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 90: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 90.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: OAG

**Item 90.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



**New York State Department of Environmental Conservation**

**Permit ID: 9-2911-00113/00039**

**Facility DEC ID: 9291100113**

INSTEAD OF RECONFIGURING WITH LOW NOX BURNERS AND CEMS, R1B02 AND B110 ARE LIMITED TO A MAXIMUM COMBINED ANNUAL HEAT INPUT OF 189,000 MMBTU/YR WHEN FIRING NATURAL GAS OR LOW SULFUR DISTILLATE OIL (VERIFY BY FUEL USE). THIS IS EQUAL TO APPROXIMATELY 1.35 MM GAL/YR OF DISTILLATE OIL OR 189,000 KSCF/YR OF NATURAL GAS. CEMS (OPACITY) IS REQUIRED FOR R1B02 WHEN COMBUSTING FOSSIL FUELS. FUEL USAGE RECORDS FOR THE UNITS SHALL BE MAINTAINED AND SUBMITTED TO THE REGION 9 AIR POLLUTION CONTROL ENGINEER IN THE QUARTERLY FUEL USED SUMMARY REPORT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 91: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 91.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: OAG

**Item 91.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

CEMS ARE REQUIRED FOR R1B01 AS SPECIFIED IN 40 CFR PART 60, SUBPART D AND 6NYCRR PART 227 AS APPLICABLE. CEMS (OPACITY ONLY) IS REQUIRED FOR B-110.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 92: Compliance Certification**

**New York State Department of Environmental Conservation**

**Permit ID: 9-2911-00113/00039**

**Facility DEC ID: 9291100113**



**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 92.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: OAG

**Item 92.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

AN INITIAL STACK EMISSION SAMPLING IS REQUIRED FOR R1B01 WITHIN 1 YEAR OF RECONFIGURATION AND START UP OF OPERATION FOR THE FOLLOWING CONTAMINANTS: PM/PM10, VOC, NOX AND CO. SULFUR CONTENT OF FUEL CAN BE SAMPLED IN LIEU OF STACK TESTING. STACK TEST SAMPLING SHALL BE CONDUCTED FIRING BOTH NATURAL GAS AND/OR DISTILLATE OIL IN ACCORDANCE WITH PROTOCOLS AND METHODS APPROVED IN ADVANCE BY THE DEPARTMENT. THE STACK TEST PROTOCOL MUST BE SUBMITTED TO THE DEPARTMENT 60 DAYS PRIOR TO SAMPLING. OTHER CONTAMINANTS TO BE SAMPLED AND/OR ADDITIONAL STACK TESTS MAY BE REQUIRED AT THE DISCRETION OF THE COMMISSIONER.

IF ONE OF THE FUELS (I.E., NATURAL GAS OR DISTILLATE OIL) IS NOT FIRED AT THE TIME OF TESTING, THE APPLICANT WILL BE REQUIRED TO CONDUCT THE STACK EMISSION TESTING WITHIN 30 DAYS OF FIRING SUCH FUEL.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 93: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-1.3**



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**Facility DEC ID: 9291100113**

**Item 93.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: OAG

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 93.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NO PERSON SHALL OPERATE A STATIONARY COMBUSTION INSTALLATION WHICH EXHIBITS GREATER THAN 20% OPACITY FOR ANY SIX CONSECUTIVE MINUTES, EXCEPT FOR ONE 6-MINUTE PERIOD PER HOUR OF NOT MORE THAN 27% OPACITY. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: LAND MODEL 4500

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Reference Test Method: METHOD 9 & PS 1

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2000.

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

**Condition 94: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 60.42, NSPS Subpart D**

**Item 94.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF

Process: OAG

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 94.2:**

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**Facility DEC ID: 9291100113**



Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THE FACILITY SHALL INSTALL, CALIBRATE, MAINTAIN AND OPERATE A COMS TO DEMONSTRATE COMPLIANCE WITH OPACITY STANDARD. THE FACILITY CANNOT EXHIBIT GREATER THAN 20% OPACITY FOR ANY SIX CONSECUTIVE MINUTES EXCEPT FOR ONE 6-MINUTE PERIOD PER HOUR OF NOT MORE THAN 27% OPACITY. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: COMS

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Reference Test Method: METHOD 9 & PS 1

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 95: Alternative RACT Emissions**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.5(c)**

**Item 95.1:**

This Condition applies to Emission Unit: U-110EF Emission Point: 00003

**Item 95.2:**

**Per NOx RACT Plan dated March 14, 1994, this emission point which is Boiler B-110 is allowed an emission limit of 0.40 lbs of NOx per million Btu based on the maximum annual heat input of 189,000 MM Btu.**

**Condition 96: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 96.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: 00003

Process: GAS Emission Source: COMBU

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**Permit ID: 9-2911-00113/00039**

**Facility DEC ID: 9291100113**



Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 96.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PERMIT LIMIT OF 0.2 LB/HR (0.0006  
LB/MMBtu) OF SO<sub>2</sub> WHILE BURNING GAS IN  
THIS EMISSION POINT WHICH IS BOILER  
B-110. COMPLIANCE SHALL BE BASED ON  
CERTIFICATION BY THE SUPPLIER ON THE  
PERCENT SULFUR OF FUEL RECEIVED. EXCESS  
EMISSIONS ARE TO BE REPORTED.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 97: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-1.7**

**Item 97.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF      Emission Point: 00003

Process: GAS                      Emission Source: COMBU

Regulated Contaminant(s):

CAS No: 0NY075-00-0      PARTICULATES

**Item 97.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 3.6 LB/HR (0.01  
LB/MMBTU) FOR PM WHEN COMBUSTING NATURAL  
GAS IN THIS BOILER. COMPLIANCE SHALL BE  
BASED ON A STACK TEST (UPON NYSDEC  
REQUEST) USING 40CFR60, APPENDIX A,

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**Facility DEC ID: 9291100113**



**METHOD 2 THROUGH 5.**

Parameter Monitored: PARTICULATES

Upper Permit Limit: 3.6 pounds per hour

Reference Test Method: M - 2 THROUGH 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

**DESCRIPTION**

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

**METHOD INDICATED**

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 98: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 98.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: 00003

Process: OAG Emission Source: COMBU

Regulated Contaminant(s):

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

**Item 98.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT EMISSION LIMIT OF 143.6 LB/HR  
(0.40 LB/MMBTU) WHILE BURNING NATURAL GAS  
OR DISTILLATE OIL IN THIS EMISSION POINT  
WHICH IS BOILER B-110. COMPLIANCE SHALL  
BE BASED ON INITIAL STACK TEST AT  
DEPARTMENT REQUEST USING 40CFR60,  
APPENDIX A, METHOD 7E OR ANY METHOD  
ACCEPTABLE TO THE COMMISSIONER.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 143.6 pounds per hour

Reference Test Method: METHOD 7E

Monitoring Frequency: AS REQUIRED - SEE MONITORING

**DESCRIPTION**

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

**METHOD INDICATED**

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



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**Permit ID: 9-2911-00113/00039**

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**Condition 99: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(i)(3), Subpart A**

**Item 99.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: 00003  
Process: OAG                Emission Source: COMBU

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

**Item 99.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
PERMIT LIMIT OF 5.74 LB/HR WHILE  
COMBUSTING OIL OR GAS IN B-110 (EP  
00003). COMPLIANCE SHALL BE BASED ON  
INITIAL STACK TEST AT DEPARTMENT REQUEST  
USING 40CFR60, APPENDIX A, METHOD 25A.

Parameter Monitored: VOC  
Upper Permit Limit: 5.74 pounds per hour  
Reference Test Method: METHOD 25A  
Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 100: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(i)(3), Subpart A**

**Item 100.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: 00003  
Process: OAG                Emission Source: COMBU

Regulated Contaminant(s):  
CAS No: 000630-08-0    CARBON MONOXIDE

**New York State Department of Environmental Conservation**

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**Item 100.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 28.7 LB/HR WHILE  
COMBUSTING OIL OR GAS IN B-110 (EP  
00003). COMPLIANCE SHALL BE BASED ON  
INITIAL STACK TEST AT DEPARTMENT REQUEST  
USING 40CFR60, APPENDIX A, METHOD 10.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 28.7 pounds per hour

Reference Test Method: MEHTOD 10

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 101: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 101.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: 00003  
Process: OIL                    Emission Source: COMBU

Regulated Contaminant(s):

CAS No: 007446-09-5    SULFUR DIOXIDE

**Item 101.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PERMIT LIMIT OF 18.2 LB/HR (0.0507  
LB/MMBtu) OF S02 WHILE BURNING OIL IN  
THIS EMISSION POINT WHICH IS BOILER  
B-110. COMPLIANCE SHALL BE BASED ON  
CERTIFICATION BY THE SUPPLIER ON THE  
PERCENT OF SULFUR LIMIT FOR EACH BATCH OF  
FUEL RECEIVED. EXCESS EMISSIONS ARE TO  
BE REPORTED.



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Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 102: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-1.7**

**Item 102.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: 00003

Process: OIL Emission Source: COMBU

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 102.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 10.27 LB/HR (0.0286 LB/MMBTU) FOR PM WHEN COMBUSTING OIL IN THIS BOILER. COMPLIANCE SHALL BE BASED ON AN INITIAL STACK TEST AT THE DEPARTMENT'S REQUEST USING 40CFR60, APPENDIX A, METHOD 2 THROUGH 5.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 10.27 pounds per hour

Reference Test Method: 2 THROUGH 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 103: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 103.1:**



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The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B01  
Process: GAS                      Emission Source: COMBU

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

**Item 103.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PERMIT EMISSION LIMIT OF 0.3 LB/HR  
(0.0006 LB/MMBTU) S02 WHILE BURNING  
NATURAL GAS IN R1B01. COMPLIANCE SHALL  
BE BASED ON CERTIFICATION BY THE SUPPLIER  
ON THE PERCENT SULFUR CONTENT OF THE FUEL  
RECEIVED.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 104: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-1.7**

**Item 104.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B01  
Process: GAS                      Emission Source: PARTI

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

**Item 104.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 4.4 LB/HR (0.01  
LB/MMBTU) FOR PM WHEN COMBUSTING NATURAL



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GAS. COMPLIANCE SHALL BE BASED ON AN  
INITIAL STACK TEST USING 40 CFR 60,  
APPENDIX A, METHODS 2 THROUGH 5.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 4.4 pounds per hour  
Reference Test Method: M - 2 THROUGH 5  
Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 105: Testing, monitoring, and reporting requirements for very large boilers.**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.6(a)(1)**

**Item 105.1:**

This Condition applies to Emission Unit: U-110EF Emission Point: R1B01  
Process: OAG

**Item 105.2:**

The owner/operator shall measure NOx emissions with a continuous emissions monitoring system (CEMS) as described in 6NYCRR 227-2.6(b).

**Condition 106: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 106.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: R1B01  
Process: OAG Emission Source: COMBU

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

**Item 106.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
PERMIT EMISSION LIMIT OF 88 LB/HR  
(0.2LB/MMBTU) WHILE BURNING OIL/NATURAL



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GAS IN R1B01. COMPLIANCE SHALL BE BASED ON INITIAL STACK TEST USING 40 CFR 60, APPENDIX A, METHOD 7E OR ANY METHOD ACCEPTABLE TO THE COMMISSIONER AND CEMS, THEREAFTER. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: TECO MODEL 10s  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 88.0 pounds per hour  
Reference Test Method: METHOD 7E & CEMS  
Monitoring Frequency: CONTINUOUS  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 107: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(i)(3), Subpart A**

**Item 107.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B01  
Process: OAG                Emission Source: COMBU

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

**Item 107.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
PERMIT LIMIT OF 7.0 LB/HR WHILE  
COMBUSTING OIL OR GAS IN R1B01.  
COMPLIANCE SHALL BE BASED INITIAL STACK  
TEST USING 40CFR60, APPENDIX A, METHOD  
25A.

Parameter Monitored: VOC  
Upper Permit Limit: 7.0 pounds per hour  
Reference Test Method: METHOD 25A  
Monitoring Frequency: AS REQUIRED - SEE MONITORING



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**Facility DEC ID: 9291100113**

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 108: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(i)(3), Subpart A**

**Item 108.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B01  
Process: OAG                Emission Source: COMBU

Regulated Contaminant(s):  
CAS No: 000630-08-0    CARBON MONOXIDE

**Item 108.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PERMIT LIMIT OF 35.2 LB/HR WHILE  
COMBUSTING OIL OR GAS IN R1B01.  
COMPLIANCE SHALL BE BASED ON INITIAL  
STACK TEST USING 40 CFR 60, APPENDIX A,  
METHOD 10 OR ANY METHOD ACCEPTABLE TO THE  
COMMISSIONER AND CEMS THEREAFTER. EXCESS  
EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: TECO MODEL 48

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 35.2 pounds per hour

Reference Test Method: METHOD 10 & CEMS

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 109: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**



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**Item 109.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B01  
Process: OIL                      Emission Source: COMBU

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

**Item 109.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PERMIT EMISSION LIMIT OF 22.3 LB/HR  
(0.0507 LB/MMBTU) S02 WHILE BURNING OIL  
IN R1B01. COMPLIANCE IS BASED ON  
PERCENT SULFUR CONTENT OF EACH BATCH OF  
FUEL RECEIVED. EXCESS EMISSIONS ARE TO  
BE REPORTED.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 110: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-1.7**

**Item 110.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B01  
Process: OIL                      Emission Source: PARTI

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

**Item 110.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 12.6 LB/HR (0.0286

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LB/MMBTU) FOR PM WHEN COMBUSTING OIL IN THIS BOILER. COMPLIANCE SHALL BE BASED ON AN INITIAL STACK TEST USING 40CFR60, APPENDIX A, METHODS 2 THROUGH 5.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 12.6 pounds per hour

Reference Test Method: M - 2 THROUGH 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING

**DESCRIPTION**

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 111: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 111.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: R1B02

Process: ALT

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 111.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

OPACITY AT THE FLUE GAS EXIT SHALL NOT BE GREATER THAN 20% FOR ANY CONSECUTIVE 6-MINUTES. COMPLIANCE SHALL BE BASED ON CONTINUOUS OPACITY MONITOR (COM) AND 40 CFR 60, APPENDIX A, METHOD 9. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: LAND MODEL 4500

Parameter Monitored: OPACITY

Upper Permit Limit: 20.0 percent

Reference Test Method: M-9 AND COMS

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.



**New York State Department of Environmental Conservation**

**Permit ID: 9-2911-00113/00039**

**Facility DEC ID: 9291100113**

The initial report is due 4/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 112: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 112.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: ALT                      Emission Source: COMBU

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

**Item 112.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PERMIT EMISSION LIMIT OF 30.9 LB/HR  
(0.138 LB/MMBtu) S02 WHILE BURNING  
ALTERNATE FUEL IN R1B02. COMPLIANCE IS  
BASED ON INITIAL STACK TEST USING 40 CFR  
60, APPENDIX A, METHOD 6C OR ANY METHOD  
ACCEPTABLE TO THE COMMISSIONER FOR EACH  
DISCRETE ALTERNATE FUEL STREAM AND CEMS  
THEREAFTER. EXCESS EMISSIONS ARE TO BE  
REPORTED.

Manufacturer Name/Model Number: WEST. RES MODEL 721 AT

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 30.9 pounds per hour

Reference Test Method: M - 6C & 19

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 113: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.**



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**Facility DEC ID: 9291100113**



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 3.8 LB/HR WHILE BURNING  
ALTERNATE FUELS IN R1B02 . COMPLIANCE  
SHALL BE BASED ON INITIAL STACK TEST  
USING 40 CFR 60, APPENDIX A, METHOD 8 OR  
ANY METHOD ACCEPTABLE TO THE COMMISSIONER  
FOR EACH DISCRETE ALTERNATE FUEL STREAM.

Parameter Monitored: SULFURIC ACID

Upper Permit Limit: 3.8 pounds per hour

Reference Test Method: METHOD 8

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 115: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 115.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: ALT                      Emission Source: COMBU

Regulated Contaminant(s):

CAS No: 007664-39-3    HYDROGEN FLUORIDE

**Item 115.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 0.52 LB/HR OF FLOURIDE  
(AS HYDROGEN FLUORIDE) WHILE BURNING  
ALTERNATE FUEL IN R1B02. COMPLIANCE  
SHALL BE BASED ON INITIAL STACK TEST  
USING 40 CFR 60, APPENDIX A, METHOD 26A  
OR ANY METHOD ACCEPTABLE TO THE  
COMMISSIONER FOR EACH DISCRETE ALTERNATE  
FUEL STREAM.



**New York State Department of Environmental Conservation**

**Permit ID: 9-2911-00113/00039**

**Facility DEC ID: 9291100113**

Parameter Monitored: HYDROGEN FLUORIDE  
Upper Permit Limit: 0.52 pounds per hour  
Reference Test Method: METHOD 26A  
Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 116: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 116.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: R1B02  
Process: ALT Emission Source: COMBU

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

**Item 116.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
PERMIT LIMIT OF 6.7 LB/HR OF VOC WHILE  
BURNING ALTERNATE FUEL IN R1B02.  
COMPLIANCE IS BASED ON INITIAL STACK TEST  
USING 40CFR60, APPENDIX A, METHOD 25A OR  
ANY METHOD ACCEPTABLE TO THE COMMISSIONER  
FOR EACH DISCRETE ALTERNATE FUEL STREAM.

Parameter Monitored: VOC  
Upper Permit Limit: 6.7 pounds per hour  
Reference Test Method: METHOD 25A  
Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 117: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**New York State Department of Environmental Conservation**

**Permit ID: 9-2911-00113/00039**

**Facility DEC ID: 9291100113**



**Item 117.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: ALT                      Emission Source: COMBU

Regulated Contaminant(s):  
CAS No: 000630-08-0    CARBON MONOXIDE

**Item 117.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PERMIT LIMIT OF 50 LB/HR OF CARBON MONOXIDE WHILE BURNING ALTERNATE FUELS IN R1B02. COMPLIANCE SHALL BE BASED ON INITIAL STACK TEST USING 40 CFR 60, APPENDIX A, METHOD 10 AND CEMS THEREAFTER FOR EACH DISCRETE ALTERNATE FUEL STREAM. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: TECO MODEL 48  
Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 50.0 pounds per hour  
Reference Test Method: METHOD 10 & CEMS  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 118: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 118.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: ALT                      Emission Source: COMBU

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



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**Permit ID: 9-2911-00113/00039**

**Facility DEC ID: 9291100113**

**Item 118.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PERMIT LIMIT OF 56 LB/HR BASED ON A 12-MONTH ROLLING AVERAGE, WITH A MAXIMUM 24-HOUR BLOCK AVERAGE OF 95 LBS PER HOUR, WHILE BURNING ALTERNATE FUEL IN R1B02. ANNUAL EMISSIONS WILL REMAIN AT 245 TONS PER YEAR ( BASED ON 8760 HOURS/YEAR). COMPLIANCE IS BASED ON INITIAL STACK TEST USING 40 CFR 60, APPENDIX A, METHOD 7E OR ANY METHOD ACCEPTABLE TO THE COMMISSIONER FOR EACH DISCRETE ALTERNATE FUEL STREAM AND CEMS THEREAFTER. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: TECO MODEL 10s

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 56.0 pounds per hour

Reference Test Method: METHOD 7E & CEMS

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 119: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.**

**Item 119.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: R1B02

Process: ALT Emission Source: PARTI

Regulated Contaminant(s):

CAS No: 007440-38-2 ARSENIC

**Item 119.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



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**Permit ID: 9-2911-00113/00039**

**Facility DEC ID: 9291100113**

PERMIT LIMIT OF 0.0101 LB/HR FOR ARSENIC WHILE BURNING ALTERNATE FUELS IN R1B02 COMPLIANCE SHALL BE BASED ON INITIAL STACK TEST USING 40 CFR 60, APPENDIX A, METHOD 29 OR ANY METHOD ACCEPTABLE TO THE COMMISSIONER FOR EACH DISCRETE ALTERNATE FUEL STREAM. ADDITIONAL COMPLIANCE TESTING REQUIRED AT THE DISCRETION OF THIS AGENCY.

Parameter Monitored: ARSENIC

Upper Permit Limit: 0.0101 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 120: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.**

**Item 120.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: R1B02

Process: ALT Emission Source: PARTI

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

**Item 120.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 0.00067 LB/HR OF CHROMIUM VI WHILE BURNING ALTERNATE FUEL IN R1B02. COMPLIANCE SHALL BE BASED ON INITIAL STACK TEST USING 40 CFR 60, APPENDIX A, METHOD 0013 OR ANY METHOD ACCEPTABLE TO THE COMMISSIONER FOR EACH DISCRETE ALTERNATE FUEL STREAM.

Parameter Monitored: CHROMIUM

Upper Permit Limit: 0.00067 pounds per hour



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**Facility DEC ID: 9291100113**

Reference Test Method: METHOD 0013

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 121: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.**

**Item 121.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: ALT                    Emission Source: PARTI

Regulated Contaminant(s):  
CAS No: 001746-01-6    2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

**Item 121.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 0.097 LBS/YR (4.85 X  
10E-5 TONS/YR) OF DIOXIN/FURAN (TOTAL  
TETRA THROUGH OCTA PCDDS/PCDFS) AND ALSO,  
PERMIT LIMIT OF 0.00303 LBS/YR (1.52 X  
10E-6 TONS/YR) OF TOTAL POLYCHLORINATED  
DIBENZO-P-DIOXINS AND POLYCHLORINATED  
DIBENZO FURANS (TETRA -OCTA HOMOLOGUE  
GROUPS AS WELL AS ASSOCIATED 2,3,7,8  
SUBSTITUTED CONGENERS) EXPRESSED AS  
2,3,7,8 TETRACHLORINATED  
DIBENZO-PARA-DIOXIN EQUIVALENTS WHILE  
COMBUSTING ALTERNATE FUELS IN R1B02.  
COMPLIANCE SHALL BE BASED ON ANNUAL STACK  
TEST USING 40 CFR 60, APPENDIX A, METHOD  
23 OR ANY METHOD ACCEPTABLE TO THE  
COMMISSIONER FOR EACH DISCRETE ALTERNATE  
FUEL STREAM.

PERMITTEE WILL USE THE TOTAL PCDD/PCDF  
HOURLY EMISSION RATE FROM THE ANNUAL  
STACK TESTS TO CALCULATE THE MAXIMUM  
HOURS OF OPERATION FOR THE CALENDAR YEAR

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FORWARD (IE: OPERATION JAN. THRU DEC. FOLLOWING APPROVED ANNUAL STACK TEST) BY USING THE ANNUAL PERMITTED EMISSION LIMIT.

THE HOURS OF OPERATION FOR R1B02 (EFW2) MUST BE RECORDED DAILY AND REPORTED TO THE DEPARTMENT IN A QUARTERLY REPORT. ADDITIONAL COMPLIANCE TESTING REQUIRED AT THE DISCRETION OF THIS AGENCY. ADDITIONAL STACK TESTS MAY BE PERFORMED (OBSERVED BY DEPARTMENT PERSONNEL) DURING A GIVEN YEAR TO READJUST THE HOURS OF OPERATION.

A MAINTENANCE PROGRAM FOR R1B02 (EFW2), ALTERNATE FUELS BOILER, MUST BE DEVELOPED AND SUBMITTED WITHIN 60 DAYS OF THIS PERMIT ISSUANCE FOR DEPARTMENT REVIEW AND APPROVAL.

THE ALTERNATE FUELS QUALITY ASSURANCE/QUALITY CONTROL PLAN MUST ALSO BE MADE AVAILABLE FOR INSPECTION UPON REQUEST BY DEPARTMENT PERSONNEL.

Parameter Monitored: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Upper Permit Limit: 0.097 pounds per year

Reference Test Method: METHOD 23

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 122: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.4**

**Item 122.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: ALT                Emission Source: PARTI

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

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**Item 122.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 13.4 LB/HR WHEN  
COMBUSTING ALTERNATE FUEL. COMPLIANCE IS  
BASED ON INITIAL STACK TEST USING 40 CFR  
60, APPENDIX A, METHODS 2 THROUGH 5 OR  
ANY METHOD ACCEPTABLE TO THE COMMISSIONER  
FOR EACH DISCRETE ALTERNATE FUEL STREAM.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 13.4 pounds per hour

Reference Test Method: M - 2 THROUGH 5

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 123: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 123.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: R1B02

Process: ALT Emission Source: PARTI

Regulated Contaminant(s):

CAS No: 007439-92-1 LEAD

**Item 123.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 0.051 LB/HR OF LEAD  
WHILE BURNING ALTERNATE FUELS IN R1B02.  
COMPLIANCE SHALL BE BASED ON INITIAL  
STACK TEST USING 40 CFR 60, APPENDIX A,  
METHOD 29 OR ANY METHOD ACCEPTABLE TO THE  
COMMISSIONER FOR EACH DISCRETE ALTERNATE  
FUEL STREAM. ADDITIONAL COMPLIANCE

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TESTING REQUIRED AT THE DISCRETION OF  
THIS AGENCY.

Parameter Monitored: LEAD

Upper Permit Limit: 0.051 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 124: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 212.4(b)**

**Item 124.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF Emission Point: R1B02

Process: ALT Emission Source: PARTI

Regulated Contaminant(s):

CAS No: 007440-43-9 CADMIUM

**Item 124.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 0.0090 LB/HR OF CADMIUM  
WHILE BURNING ALTERNATE FUEL IN R1B02.

COMPLIANCE SHALL BE BASED ON INITIAL  
STACK TEST USING 40 CFR 60, APPENDIX A,  
METHOD 29 OR ANY METHOD ACCEPTABLE TO THE  
COMMISSIONER FOR EACH DISCRETE ALTERNATE  
FUEL STREAM.

Parameter Monitored: CADMIUM

Upper Permit Limit: 0.009 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



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**Condition 125: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 125.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: GAS                      Emission Source: COMBU

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

**Item 125.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PERMIT EMISSION LIMIT OF 0.3 LB/HR  
(0.0006 LB/MMBTU) SO<sub>2</sub> WHILE BURNING  
NATURAL GAS IN R1B02. COMPLIANCE SHALL  
BE BASED ON CERTIFICATION BY THE SUPPLIER  
ON THE PERCENT SULFUR CONTENT OF THE FUEL  
RECEIVED. EXCESS EMISSIONS ARE TO BE  
REPORTED.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 126: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 126.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: GAS                      Emission Source: COMBU

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



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**Item 126.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PERMIT LIMIT OF 88 LB/HR (0.20 LB PER MM BTU) WHILE BURNING NATURAL GAS IN R1B02. COMPLIANCE SHALL BE BASED ON INITIAL STACK TEST USING 40 CFR 60, APPENDIX A, METHOD 7E OR ANY METHOD ACCEPTABLE TO THE COMMISSIONER AND CEMS THEREAFTER. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: TECO MODEL 10s

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 88.0 pounds per hour

Reference Test Method: MEHTOD 7E & CEMS

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 127: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-1.7**

**Item 127.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: GAS                Emission Source: PARTI

Regulated Contaminant(s):

CAS No: 0NY075-00-0    PARTICULATES

**Item 127.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT OF 4.4 LB/HR (0.01 LB/MMBTU) FOR PM WHEN COMBUSTING NATURAL GAS. COMPLIANCE SHALL BE BASED ON

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INITIAL STACK TEST AT THE DEPARTMENT'S  
REQUEST USING 40 CFR 60, APPENDIX A,  
METHODS 2 THROUGH 5 OR ANY METHOD  
ACCEPTABLE TO THE COMMISSIONER.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 4.4 pounds per hour  
Reference Test Method: M - 2 THROUGH 5  
Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 128: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(i)(3), Subpart A**

**Item 128.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: OAG                Emission Source: COMBU

Regulated Contaminant(s):  
CAS No: 000630-08-0    CARBON MONOXIDE

**Item 128.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:

PERMIT LIMIT OF 35.2 LB/HR WHILE  
COMBUSTING OIL OR GAS IN R1B02.  
COMPLIANCE SHALL BE BASED ON AN INITIAL  
STACK TEST AT THE DEPARTMENT'S REQUEST  
USING 40CFR60, APPENDIX A, METHOD 10  
(CEMS). EXCESS EMISSIONS ARE TO BE  
REPORTED.

Manufacturer Name/Model Number: TECO MODEL 48  
Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 35.2 pounds per hour  
Reference Test Method: 10  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 24-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)



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Reports due 30 days after the reporting period.  
The initial report is due 4/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 129: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 40CFR 52.21(i)(3), Subpart A**

**Item 129.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: OAG                Emission Source: COMBU

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

**Item 129.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
PERMIT LIMIT OF 7.0 LB/HR WHILE  
COMBUSTING OIL OR GAS IN R1B02.  
COMPLIANCE SHALL BE BASED ON INITIAL  
STACK TEST AT THE DEPARTMENT'S REQUEST  
USING 40CFR60, APPENDIX A, METHOD 25A.

Parameter Monitored: VOC  
Upper Permit Limit: 7.0 pounds per hour  
Reference Test Method: 25A  
Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 130: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 201-6.**

**Item 130.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: OIL                Emission Source: COMBU



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Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 130.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

PERMIT LIMIT OF 22.3 LB/HR (0.0507  
LB/MMBtu) SO<sub>2</sub> WHILE BURNING OIL IN R1B02.  
COMPLIANCE SHALL BE BASED ON  
CERTIFICATION BY THE SUPPLIER ON THE  
PERCENT SULFUR CONTENT FOR EACH BATCH OF  
FUEL RECEIVED. EXCESS EMISSIONS ARE TO  
BE REPORTED.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 131: Compliance Certification**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-2.4**

**Item 131.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF      Emission Point: R1B02  
Process: OIL                      Emission Source: COMBU

Regulated Contaminant(s):

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

**Item 131.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PERMIT LIMIT OF 132 LB/HR (0.30 LB/MM  
BTU) WHILE BURNING OIL IN R1B02.  
COMPLIANCE SHALL BE BASED ON INITIAL  
STACK TEST USING 40 CFR 60, APPENDIX A,  
METHOD 7E OR ANY METHOD ACCEPTABLE TO THE



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COMMISSIONER AND CEMS THEREAFTER. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: TECO MODEL 10s  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 132.0 pounds per hour  
Reference Test Method: METHOD 7E & CEMS  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 132: Compliance Certification**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable Federal Requirement: 6NYCRR 227-1.7**

**Item 132.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-110EF    Emission Point: R1B02  
Process: OIL                Emission Source: PARTI

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

**Item 132.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
PERMIT LIMIT OF 12.6 LB/HR (0.0286 LB/MMBTU) FOR PM WHEN COMBUSTING OIL IN THIS BOILER. COMPLIANCE SHALL BE BASED ON AN INITIAL STACK TEST AT THE DEPARTMENT'S REQUEST USING 40CFR60, APPNEDIX A, METHOD 2 THROUGH 5.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 12.6 pounds per hour  
Reference Test Method: 2 THROUGH 5  
Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

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Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



**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 only enforceable and are not subject to annual compliance certification requirements for Title V permits.**

**Condition 1-8: Contaminant List**  
**Effective between the dates of 03/19/2003 and 01/27/2005**

**Applicable State Requirement: ECL 19-0301.**

**Item 1-8.1:**

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

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CAS No: 001746-01-6  
Name: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

CAS No: 051207-31-9  
Name: 2,3,7,8-TETRACHLORODIBENZOFURAN

CAS No: 007664-41-7  
Name: AMMONIA

CAS No: 007440-36-0  
Name: ANTIMONY

CAS No: 007440-38-2  
Name: ARSENIC

CAS No: 068131-74-8  
Name: ASHES (RESIDUES)

CAS No: 007440-41-7  
Name: BERYLLIUM

CAS No: 007440-43-9  
Name: CADMIUM

CAS No: 000630-08-0  
Name: CARBON MONOXIDE

CAS No: 007440-47-3  
Name: CHROMIUM

CAS No: 007440-48-4  
Name: COBALT

CAS No: 007440-50-8  
Name: COPPER

CAS No: 000050-00-0  
Name: FORMALDEHYDE

CAS No: 007647-01-0  
Name: HYDROGEN CHLORIDE

CAS No: 007664-39-3  
Name: HYDROGEN FLUORIDE

CAS No: 007439-92-1  
Name: LEAD



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CAS No: 007439-96-5

Name: MANGANESE

CAS No: 007439-97-6

Name: MERCURY

CAS No: 007440-02-0

Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 001336-36-3

Name: POLYCHLORINATED BIPHENYL

CAS No: 130498-29-2

Name: POLYCYCLIC AROMATIC HYDROCARBONS

CAS No: 007782-49-2

Name: SELENIUM

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007664-93-9

Name: SULFURIC ACID

CAS No: 007440-62-2

Name: VANADIUM

CAS No: 0NY998-00-0

Name: VOC

CAS No: 007440-66-6

Name: ZINC

**Condition 1-9: Unavoidable noncompliance and violations**

**Effective between the dates of 03/19/2003 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 201-1.4**

Item 1-9.1:



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

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

**Condition 135: Air pollution prohibited**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 211.2**



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**Item 135.1:**

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 1-10: Compliance Demonstration**

**Effective between the dates of 03/19/2003 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 219-7.2**

**Item 1-10.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 007439-97-6    MERCURY

**Item 1-10.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission limit for mercury is 28 ug/dscm (corrected to 7% oxygen). Annual compliance is based on the average of the annual stack tests on each municipal waste combustor (MWC) unit at the facility using the stack testing procedures contained in 40 CFR 60.58b(d)(2). This average of all the facility's MWC units must be in compliance with the emission limit of 28 ug/dscm or 85% reduction of mercury, whichever is less stringent. Emission control devices must be kept 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 devices effectively. Compliance with this requirement is required within one year of the effective date of the regulation (i.e., by 10/30/03). Initial compliance testing must take place within 180 days of the compliance date of the regulation (i.e., by 4/30/04).

Parameter Monitored: MERCURY

Upper Permit Limit: 28 micrograms per dry standard cubic



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meter (corrected to 7% oxygen)

Reference Test Method: As indicated above

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-11: Compliance Demonstration**

**Effective between the dates of 03/19/2003 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 219-7.2**

**Item 1-11.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00001

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

**Item 1-11.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission limit for mercury is 28 ug/dscm (corrected to 7% oxygen). Annual compliance is based on the average of the annual stack tests on each municipal waste combustor (MWC) unit at the facility using the stack testing procedures contained in 40 CFR 60.58b(d)(2). This average of all the facility's MWC units must be in compliance with the emission limit of 28 ug/dscm or 85% reduction of mercury, whichever is less stringent. Emission control devices must be kept 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 devices effectively. Compliance with this requirement is required within one year of the effective date of the regulation (i.e., by 10/30/03). Initial compliance testing must take place within 180 days of the compliance date of the regulation (i.e., by 4/30/04).

Parameter Monitored: MERCURY

Upper Permit Limit: 85 percent reduction by weight

Reference Test Method: As indicated above



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Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 138: Environmental Monitor**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 138.1:**

**The Permittee must continue to maintain an account to fund an Environmental Monitor to monitor air and solid waste management facilities and / or activities of the Permittee. The requirements of the Environmental Monitor Account are as follows:**

- 1. The account balance must be sufficient to meet the next nine months' anticipated expenses. Quarterly payments shall be made for the duration of this permit in accordance with following conditions:**
- 2. Costs to be covered by this fund include:**
  - a. Direct personal service costs and fringe benefits, including the cost of replacement personnel for the regularly assigned monitor and direct supervision.**
  - b. Direct non-personal service costs (including purchase or lease of a vehicle, its full operating costs) and any appropriate chemical sampling and analysis.**
  - c. Inflation increases and negotiated salary increases.**
  - d. Overhead or support costs at the approved Federal Indirect Cost Rate.**
- 3. As noted, the Department may revise the required payment on a quarterly basis to include all costs of monitoring to the Department. The quarterly revision may take into account factors such as inflation, salary increases, accrued interest to be applied to the balance, changes in operating hours and procedures, and the need for additional on-site monitoring.**
- 4. Within 30 days of written notice by the Department that a payment is due, payment shall be sent to the New York State Department of Environmental Conservation, Bureau of Federal and Municipal Accounts, 50 Wolf Raod, Albany, New York 12233-5022. Payments are to be in advance of the period in which they will be expended.**
- 5. Upon termination of this Permit and payment of any outstanding costs, the unexpended balance, including interest, will be returned to the Permittee.**
- 6. The Department may take appropriate action to enforce payment provisions.**
- 7. The Permittee shall provide, to the Regional Air Pollution Control Engineer's satisfaction, secured office space, utilities, and telephone for the on-site monitor staff. All submissions made to the Regional Air Pollution Control Engineer and Solid Waste Engineer (and any other Regulatory Agency, i.e., EPA, BSA, etc.) shall be copied to the on-site Environmental Monitor.**

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

**Condition 139: Compliance Demonstration**

Effective between the dates of 01/27/2000 and 01/27/2005

Applicable State Requirement: 6NYCRR 617.11(d)(5)

**Item 139.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: MSW

**Item 139.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Permittee shall take measures to exclude from this facility the following:

1. Yard waste (such as leaves, grass, brush/branches and stumps/tree sections;
2. Motor vehicle or other batteries;
3. White goods such as hot water boilers, washers and/or dryers, refrigerator, metal furniture, mattresses and other household appliances, or bulk waste having dimensions larger than the furnace ram feeder;
4. Hazardous waste as defined in 6 NYCRR Part 371;
5. Explosives;
6. Radiation equipment or radioactive materials as defined by 6 NYCRR Part 380;
7. Pathological or biological waste (i.e. regulated medical waste as defined in 6 NYCRR Part 364);
8. Tires;
9. Industrial waste as defined in 6 NYCRR Part 360-1.2(b)(8) which not municipal waste as defined in 6 NYCRR Part 219-1.1(b)(6); and
10. Other unacceptable materials as determined by the Department's Division of Solid Waste.

Note:

All review, approval, evaluation, implementation, and enforcement of the above Special Condition shall be the responsibility of the Department's Division of Solid Waste.

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Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 140: Compliance Demonstration**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 140.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: MSW

**Item 140.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. The emission limits for Mercury, Lead, Cadmium, Trace Metals and Organic Compounds (PCB, PAHs, Formaldehyde and total PCDD / PCDF) as specified in this Permit shall be revised after the first four stack tests to reflect the measured values (and % removal efficiency for mercury), provided the measured values are less than (or greater than for the % removal efficiency for mercury) the original limits listed in this Permit. The revised limits will be based on 95% confidence intervals calculated from the measured emission rates (and % removal efficiencies for mercury), based on 12 values, as determined from stack testing. Eventual % removal efficiency target to be achieved for mercury is 85%.

2. The permittee shall not be deemed in violation of the limits set forth for mercury, lead, cadmium and organic compounds (PCB, PAH, formaldehyde and total dioxins/furans) if, within 90 days of the permittee's receipt of the emissions test results report which indicates an emission limit has been exceeded, the permittee can demonstrate:

a. The analytical results are an anomaly. The Permittee shall meet its burden on this issue if it can demonstrate through additional test results that actual annual emissions for a given parameter are within the limits set forth in the public Health Risk Assessment or

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any revision thereto which was provided as part of the application for this permit; or

b. The health and environmental risks associated with the reported emissions do not pose a significant health or environmental risk. The Permittee shall meet its burden on this issue if it can demonstrate any of the following:

i. the reported emissions are within the limits set forth in the Health Risk Assessment which was provided as part of the application for this permit; or

ii. there is no significant health or environmental risk presented by the particular substance or substances whose emissions levels exceed the permit limits, as demonstrated by a health risk analysis (including any necessary air quality dispersion modeling) for the particular substance or substances; or

iii. there is no significant health or environmental risk presented by the total emissions, as demonstrated by a health risk analysis of those particular substance or substances whose emissions exceed the permit limits and some or all of those substances whose emission levels do not exceed the permit limits.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 141: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 141.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: MSW

**Item 141.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. OPERATION REQUIREMENTS



A. Emissions of sulfur dioxide, sulfuric acid mist, hydrogen chloride, particulate matter, PM-10, lead, mercury, beryllium and fluorides shall be controlled by employing a dry-lime scrubber, activated carbon injection system and a baghouse utilizing fabric filters. Performance of these controls shall be monitored by the requirements specified in the Emissions Testing and Monitoring conditions as follows.

## 2. EMISSIONS TESTING / MONITORING

A. Manual stack testing shall be conducted for the following contaminants under representative operating conditions:

- Total Particulate Matter
- Sulfur Dioxide
- Nitrogen Oxides as Nitrogen Dioxide
- Carbon Monoxide
- Oxygen
- Moisture
- Hydrogen Chloride
- Polychlorinated Dibenzo-P-Dioxins
- Polychlorinated Dibenzo Furans
- Total Polycyclic Aromatic Hydrocarbons (PAH)
- Formaldehyde
- Hydrogen Fluoride
- Polychlorinated Biphenyls (PCBs)
- Trace Metals (Antimony, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Hexavalent Chromium, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Tin, Vanadium, Zinc)
- Benzene
- Ammonia
- Sulfuric Acid Mist
- Volatile Organic Compounds (VOCs)

B. The list of contaminant given above shall be sampled annually (no more than 12 calendar months following the previous compliance test) thereafter.

C. Demonstration of compliance with the emissions limits specified in this Permit shall be only from stack testing performed according to the stack test protocol approved by the Department and CEMS data obtained according to the approved CEMS Monitoring Plan. All testing shall be conducted, where appropriate, according to USEPA Reference Methods, as given in 40 CFR Part 60, Appendix A, and must

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be acceptable to the Commissioner. Witnessing by the Department of all stack tests is required. The Department will not accept the results of any stack tests done in the absence of the approved protocol, or which are not witnessed.

D. Continuous Monitoring - At a minimum, valid continuous emissions monitoring system data shall be obtained for 75% of the hours per day and 90% of the days per calendar quarter that the MWC is operated and combusting municipal solid waste.

E. Should the Permittee desire, it may request correction of the emissions' limitations contained herein based on an equivalent CO<sub>2</sub> dilution rather than the O<sub>2</sub> diluent provided for in this Permit. The USEPA Test Method 3A (40 CFR 60 Appendix A) shall be used to determine the oxygen concentration at the same location as the carbon dioxide monitor.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 142: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 142.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Process: MSW

**Item 142.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

OPERATING REQUIREMENT FOR THIS PERMIT:  
THE TOTAL FACILITY CHARGING RATE SHALL  
NOT EXCEED 821,250 TONS PER YEAR. WASTE  
CHARGE IS RECORDED ON A PER DELIVERY  
BASIS TO TRACK COMPLIANCE WITH THIS  
LIMIT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION



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Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 45 days after the reporting period.  
The initial report is due 11/14/2000.  
Subsequent reports are due every 12 calendar month(s).

**Condition 143: Compliance Demonstration**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 143.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001  
Process: MSW

**Item 143.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:

1. THE FACILITY SHALL NOT HAVE AN ANNUAL CAPACITY FACTOR, AS DEFINED IN 40 CFR PART 60, SUBPART Db, OF 10% OR MORE FOR COAL, OIL, NATURAL GAS OR A MIXTURES OF THESE FUELS. RECORD KEEPING OF FUEL USAGE SHALL BE MAINTAINED AND SUBMITTED TO THE REGION 9 AIR POLLUTION CONTROL ENGINEER IN THE QUARTERLY FUEL USED SUMMARY REPORT.
2. THE FACILITY OPERATION SHALL NOT CREATE A NUISANCE OR CAUSE, SUFFER, ALLOW OR PERMIT THE DISCHARGE OF AIR POLLUTANTS WHICH CAUSE OR CONTRIBUTE TO AN OBJECTIONABLE ODOR.

Monitoring Frequency: DAILY  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2000.  
Subsequent reports are due every 3 calendar month(s).

**Condition 144: Compliance Demonstration**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**



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**Item 144.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: DENOX

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

**Item 144.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

1. NOX EMISSIONS FROM EACH FURNACE FLUE SHALL NOT EXCEED 150 PPM DV, CORRECTED TO 7% O<sub>2</sub>, ON A TWENTY-FOUR HOUR DAILY ARITHMETIC AVERAGE (24-HOUR BLOCK).
  
2. THE PERMITTEE SHALL INSTALL, OPERATE AND MAINTAIN AN AMMONIA INJECTION OR OTHER SELECTIVE NON-CATALYTIC NO<sub>x</sub> REDUCTION SYSTEM FOR THE CONTROL OF NO<sub>x</sub> EMISSIONS FROM EACH FURNACE. EMISSIONS OF NITROGEN OXIDES (NO<sub>x</sub>) SHALL BE MINIMIZED BY LIMITING EXCESS AIR INTO THE COMBUSTION ZONE AND MAINTAINING COMBUSTION PARAMETERS WHICH ARE SPECIFIED IN THE DESIGN OF THE INCINERATOR, AND PROPER OPERATION OF THE SELECTIVE NON-CATALYTIC REDUCTION SYSTEM (SNCR). THE INCINERATOR SHALL EMPLOY THE USE OF ROLLER GRATES WITH OVERFIRE AIR AND UNDERFIRE AIR AND AMMONIA / UREA INJECTION. PERFORMANCE OF THESE CONTROLS SHALL BE MONITORED BY THE USE OF CONTINUOUS EMISSION MONITORING SYSTEM (CEMS) TO MONITOR NO<sub>x</sub> CONCENTRATIONS IN THE STACK.

COMPLIANCE SHALL BE BASED ON CEMS IN ACCORDANCE WITH 40 CFR 60 APPENDIX B AND F. EXCESS EMISSIONS ARE TO BE REPORTED.

Manufacturer Name/Model Number: TECO MODEL 42D  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 150.0 parts per million by volume



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(dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: METHOD 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2000.

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

**Condition 145: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 145.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001

Process: MSW                Emission Source: DENOX

Regulated Contaminant(s):

CAS No: 007664-41-7    AMMONIA

**Item 145.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

AMMONIA EMISSIONS FROM EACH FURNACE FLUE SHALL NOT EXCEED 50 PPMDV @ 7% O<sub>2</sub> OR 17.4 LB/HR WHICHEVER IS MORE STRINGENT. COMPLIANCE SHALL BE BASED ON STACK TESTS USING USEPA DRAFT METHOD 26A OR ANY OTHER METHOD THAT WILL BE ACCEPTABLE TO THE COMMISSIONER.

Parameter Monitored: AMMONIA

Upper Permit Limit: 50.0 parts per million by volume

(dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: METHOD 26A

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 146: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

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**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 146.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007439-96-5    MANGANESE

**Item 146.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FOR MANGANESE OF 0.098  
LB/HR FROM EACH FURNACE FLUE. COMPLIANCE  
SHALL BE BASED ON ANNUAL STACK TESTS  
USING 40CFR60, APPENDIX A, METHOD 29 OR  
ANY EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: MANGANESE

Upper Permit Limit: 0.098 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 147: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 147.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007440-36-0    ANTIMONY

**Item 147.2:**

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FOR ANTIMONY OF 0.0245  
LB/HR FROM EACH FURNACE FLUE. COMPLIANCE  
SHALL BE BASED ON ANNUAL STACK TESTS  
USING 40CFR60, APPENDIX A, METHOD 29 OR  
ANY EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: ANTIMONY

Upper Permit Limit: 0.0245 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 148: Compliance Demonstration**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 148.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007440-66-6    ZINC

**Item 148.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FOR ZINC OF 0.245 LB/HR  
FROM EACH FURNACE FLUE. COMPLIANCE SHALL  
BE BASED ON ANNUAL STACK TESTS USING  
40CFR60, APPENDIX A, METHOD 29 OR ANY  
EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: ZINC

Upper Permit Limit: 0.245 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: ANNUALLY



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Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 149: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 149.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007440-47-3    CHROMIUM

**Item 149.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FOR CHROMIUM VI OF 0.00196  
LB/HR FROM EACH FURNACE FLUE. COMPLIANCE  
SHALL BE BASED ON ANNUAL STACK TESTS  
USING 40CFR60, APPENDIX A, METHOD 0013 OR  
ANY EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: CHROMIUM

Upper Permit Limit: 0.00196 pounds per hour

Reference Test Method: METHOD 0013

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 150: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 150.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

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Regulated Contaminant(s):  
CAS No: 007440-62-2 VANADIUM

**Item 150.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
PERMIT LIMIT FOR VANADIUM OF 0.00196  
LB/HR FROM EACH FURNACE FLUE. COMPLIANCE  
SHALL BE BASED ON ANNUAL STACK TESTS  
USING 40CFR60, APPENDIX A, METHOD 29 OR  
ANY EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: VANADIUM  
Upper Permit Limit: 0.00196 pounds per hour  
Reference Test Method: METHOD 29  
Monitoring Frequency: ANNUALLY  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 151: Compliance Demonstration**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 151.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001  
Process: MSW Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE COMPOUNDS

**Item 151.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
PERMIT LIMIT FOR NICKEL OF 0.0245 LB/HR  
FROM EACH FURNACE FLUE. COMPLIANCE SHALL  
BE BASED ON ANNUAL STACK TESTS USING  
40CFR60, APPENDIX A, METHOD 29 OR ANY  
EQUIVALENT METHOD ACCEPTABLE TO THE



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Parameter Monitored: NICKEL METAL AND INSOLUBLE COMPOUNDS

Upper Permit Limit: 0.0245 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 152: Compliance Demonstration**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 152.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Process: MSW Emission Source: FABRI

Regulated Contaminant(s):

CAS No: 007440-50-8 COPPER

**Item 152.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FOR COPPER OF 0.0245 LB/HR  
FROM EACH FURNACE FLUE. COMPLIANCE SHALL  
BE BASED ON ANNUAL STACK TESTS USING  
40CFR60, APPENDIX A, METHOD 29 OR ANY  
EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: COPPER

Upper Permit Limit: 0.0245 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 153: Compliance Demonstration**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**



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**Facility DEC ID: 9291100113**



Monitoring Description:

PERMIT LIMIT FOR SELENIUM OF 0.00098  
LB/HR FROM EACH FURNACE FLUE. COMPLIANCE  
SHALL BE BASED ON ANNUAL STACK TESTS  
USING 40CFR60, APPENDIX A, METHOD 29 OR  
ANY EQUIVALENT METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: SELENIUM

Upper Permit Limit: 0.00098 pounds per hour

Reference Test Method: METHOD 29

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 155: Compliance Demonstration**  
**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 155.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                Emission Source: FABRI

Regulated Contaminant(s):  
CAS No: 007647-01-0    HYDROGEN CHLORIDE

**Item 155.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

HYDROGEN CHLORIDE EMISSIONS FROM EACH  
FURNACE FLUE SHALL NOT EXCEED 37.1  
LBS/HR, AS MEASURED BY THE REFERENCE  
METHOD 26A, 40 CFR PART 60, APPENDIX A,  
OR ANY METHOD ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 37.1 pounds per hour

Reference Test Method: METHOD 26A

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED



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Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 156: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 156.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001  
Process: MSW                      Emission Source: INCIN

Regulated Contaminant(s):  
CAS No: 130498-29-2    POLYCYCLIC AROMATIC HYDROCARBONS

**Item 156.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

POLYCYCLIC AROMATIC HYDROCARBON (TOXIC EQUIVALENT PAHs) EMISSIONS FROM EACH FURNACE FLUE SHALL NOT EXCEED THE MORE STRINGENT OF 1000.0 NG/DSCM CORRECTED AT 7% O2 OR 0.00049 LBS/HR. COMPLIANCE SHALL BE BASED ON STACK TESTING USING 40CFR60 APPENDIX A, METHOD 23.

Parameter Monitored: POLYCYCLIC AROMATIC HYDROCARBONS

Upper Permit Limit: 1000 nanograms per dry standard cubic meter (total mass, corrected to 7% O2)

Reference Test Method: METHOD 23

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 157: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 157.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001    Emission Point: 00001



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**Facility DEC ID: 9291100113**

Process: MSW

Emission Source: INCIN

Regulated Contaminant(s):

CAS No: 001336-36-3 POLYCHLORINATED BIPHENYL

**Item 157.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FOR POLYCHLORINATED BIPHENYLS (PCB) FROM EACH FURNACE FLUE SHALL NOT EXCEED 500 NG/DSCM @ 7% O<sub>2</sub> OR 0.000245 LB/HR WHICHEVER IS MORE STRINGENT. COMPLIANCE SHALL BE BASED ON STACK TESTING USING 40CFR60, APPENDIX A, METHOD 23.

Parameter Monitored: POLYCHLORINATED BIPHENYL

Upper Permit Limit: 500 nanograms per dry standard cubic meter (total mass, corrected to 7% O<sub>2</sub>)

Reference Test Method: METHOD 23

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 158: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 158.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: MSW

Emission Source: INCIN

Regulated Contaminant(s):

CAS No: 000050-00-0 FORMALDEHYDE

**Item 158.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERMIT LIMIT FOR FORMALDEHYDE FROM EACH

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FURNACE FLUE SHALL NOT EXCEED 200000  
NG/DSCM @ 7% O<sub>2</sub> OR 0.098 LB/HR WHICHEVER  
IS MORE STRINGENT. COMPLIANCE SHALL BE  
BASED ON STACK TEST USING 40CFR266,  
APPENDIX IX, METHOD 0011 OR ANY OTHER  
METHOD THAT WILL BE ACCEPTABLE TO THE  
COMMISSIONER.

Parameter Monitored: FORMALDEHYDE

Upper Permit Limit: 200000 nanograms per dry standard  
cubic meter (total mass, corrected to  
7% O<sub>2</sub>)

Reference Test Method: METHOD 0011

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 159: Compliance Demonstration**

**Effective between the dates of 01/27/2000 and 01/27/2005**

**Applicable State Requirement: 6NYCRR 617.11(d)(5)**

**Item 159.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001      Emission Point: 00001  
Process: MSW                      Emission Source: SPRAY

Regulated Contaminant(s):  
CAS No: 007647-01-0      HYDROGEN CHLORIDE

**Item 159.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

HYDROGEN CHLORIDE EMISSIONS FROM EACH  
FURNACE FLUE SHALL NOT EXCEED 25 ppm<sub>dv</sub>,  
CORRECTED TO 7% O<sub>2</sub>, MEASURED IN  
ACCORDANCE WITH PROCEDURES IN 40 CFR PART  
60 APPENDIX A, METHOD 26A OR ACCEPTABLE  
TO THE COMMISSIONER, UNLESS UNCONTROLLED  
EMISSIONS ARE REDUCED BY NOT LESS THAN 95  
PERCENT.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 25.0 parts per million by volume



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(dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: METHOD 26A

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE