

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 6405800046**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 6-4058-00046/00009  
Mod 0 Effective Date: 12/05/2005 Expiration Date: 12/04/2010

Mod 1 Effective Date: Expiration Date:

Permit Issued To: POWER CITY PARTNERS LP  
ALCOA POWER CANAL RD  
PO BOX 729  
MASSENA, NY 13662-0729

Contact: SHAUN L PRENTICE  
MASSENA ENERGY FACILITY  
PO BOX 729  
MASSENA, NY 13662  
(315) 764-7003

Facility: MASSENA ENERGY FACILITY  
ALCOA POWER CANAL RD|NORTH MAIN ST GATE  
MASSENA, NY 13662

Contact: SHAUN L PRENTICE  
MASSENA ENERGY FACILITY  
PO BOX 729  
MASSENA, NY 13662  
(315) 764-7003

Description:  
COGENERATION FACILITY CONSISTING OF ONE GAS TURBINE/HRSG UNIT WITH DUCT BURNERS, STEAM INJECTION, AND SCR, AND ONE EMERGENCY DIESEL GENERATOR, THE FACILITY NO LONGER PROVIDES STEAM TO A HOST FACILITY. THE FACILITY IS NOT SUBJECT TO PSD; HOWEVER, IT IS SUBJECT TO NSPS.

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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:            LAWRENCE R AMBEAU  
   DIVISION OF ENVIRONMENTAL PERMITS  
   STATE OFFICE BLDG, 317 WASHINGTON ST  
   WATERTOWN, NY 13601

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for permit renewals, modifications and transfers

Applications for Permit Renewals and Modifications

Permit modifications, suspensions or revocations by the Department

Permit Modifications, Suspensions and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 6  
HEADQUARTERS

Submission of application for permit modification or renewal-REGION 6  
HEADQUARTERS



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

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

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

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

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

**Item 2.1:**

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

**Condition 1-1: Applications for permit renewals, modifications and transfers**  
**Applicable State Requirement: 6NYCRR 621.11**

**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:**



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

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

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**

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

**Condition 1-2: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.13**

**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**

**Item 4.1:**

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

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

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

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 6 HEADQUARTERS**

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

**Item 5.1:**

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

NYSDEC Regional Permit Administrator  
Region 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245

**Condition 1-3: Submission of application for permit modification or renewal-REGION 6 HEADQUARTERS**

**Applicable State Requirement: 6NYCRR 621.6(a)**

**Item 1-3.1:**

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

NYSDEC Regional Permit Administrator  
Region 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: POWER CITY PARTNERS LP  
ALCOA POWER CANAL RD  
PO BOX 729  
MASSENA, NY 13662-0729

Facility: MASSENA ENERGY FACILITY  
ALCOA POWER CANAL RD|NORTH MAIN ST GATE  
MASSENA, NY 13662

Authorized Activity By Standard Industrial Classification Code:  
4931 - ELEC & OTHER SERVICES COMBINED

Permit Effective Date:

Permit Expiration Date:



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1-1 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 23 6NYCRR 201-6: Emission Unit Definition
- 1-2 6NYCRR 201-7: Facility Permissible Emissions
- \*1-3 6NYCRR 201-7: Capping Monitoring Condition
- \*1-4 6NYCRR 201-7: Capping Monitoring Condition
- \*1-5 6NYCRR 201-7: Capping Monitoring Condition
- \*1-6 6NYCRR 201-7: Capping Monitoring Condition
- \*1-7 6NYCRR 201-7: Capping Monitoring Condition
- \*1-8 6NYCRR 201-7: Capping Monitoring Condition
- \*1-9 6NYCRR 201-7: Capping Monitoring Condition
- \*1-10 6NYCRR 201-7: Capping Monitoring Condition
- \*1-11 6NYCRR 201-7: Capping Monitoring Condition
- \*1-12 6NYCRR 201-7: Capping Monitoring Condition
- \*1-13 6NYCRR 201-7: Capping Monitoring Condition
- \*1-14 6NYCRR 201-7: Capping Monitoring Condition
- \*1-15 6NYCRR 201-7: Capping Monitoring Condition
- \*1-16 6NYCRR 201-7: Capping Monitoring Condition
- \*1-17 6NYCRR 201-7: Capping Monitoring Condition
- \*1-18 6NYCRR 201-7: Capping Monitoring Condition
- \*1-19 6NYCRR 201-7: Capping Monitoring Condition
- 41 6NYCRR 227.2(b)(1): Compliance Certification
- 1-20 6NYCRR 227.2(b)(1): Compliance Certification
- 1-21 40CFR 52.21, Subpart A: Compliance Certification
- 1-22 40CFR 52.21, Subpart A: Compliance Certification
- 43 40CFR 52.21, Subpart A: Compliance Certification
- 44 40CFR 52.21, Subpart A: Compliance Certification
- 45 40CFR 52.21, Subpart A: Compliance Certification
- 46 40CFR 52.21, Subpart A: Compliance Certification

**Emission Unit Level**

- 58 6NYCRR 201-6: Process Definition By Emission Unit

**EU=1-00GTU**

- \*1-23 6NYCRR 201-7: Capping Monitoring Condition
- \*1-24 6NYCRR 201-7: Capping Monitoring Condition
- 60 40CFR 52.21, Subpart A: Compliance Certification
- 61 40CFR 52.21, Subpart A: Compliance Certification
- 62 40CFR 52.21, Subpart A: Compliance Certification
- 63 40CFR 52.21, Subpart A: Compliance Certification



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- 64 40CFR 52.21, Subpart A: Compliance Certification
- 66 40CFR 52.21, Subpart A: Compliance Certification
- 67 40CFR 52.21, Subpart A: Compliance Certification

**EU=1-00GTU,EP=00001**

- 84 6NYCRR 200.7: Compliance Certification
- 85 6NYCRR 200.7: Compliance Certification
- 86 6NYCRR 200.7: Compliance Certification
- 87 40CFR 52.21, Subpart A: Compliance Certification

**EU=1-00GTU,EP=00001,Proc=TDO**

- 90 40CFR 52.21, Subpart A: Compliance Certification

**EU=1-00GTU,EP=00001,Proc=TNO**

- 95 40CFR 52.21, Subpart A: Compliance Certification
- 96 40CFR 52.21, Subpart A: Compliance Certification
- 97 40CFR 52.21, Subpart A: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 98 ECL 19-0301: Contaminant List

NOTE: \* preceding the condition number indicates capping.



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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order to maintain compliance with the conditions of this permit.

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

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

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

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

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

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

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

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Act;

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

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

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

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

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

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

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

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

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



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

**Item L: Permit Exclusion - ECL 19-0305**

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

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

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

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

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

**Condition 1-1: Prohibition of Reintroduction of Collected Contaminants to the air  
Effective for entire length of Permit**



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**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Replaces Condition(s) 12**

**Item 1-1.1:**

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

**Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air**  
**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

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

**Item 12.1:**

No person shall 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.

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

**Condition 23: Emission Unit Definition**  
**Effective between the dates of 12/05/2005 and Permit Expiration Date**

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

**Item 23.1(From Mod 1):**

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

Emission Unit: 1-00GTU

Emission Unit Description:

ABB GT8 GAS TURBINE/HRSG WITH DUCT  
BURNERS, STEAM INJECTION AND SCR, AND  
VENTING THROUGH A SINGLE STACK.

Building(s): 1

**Condition 1-2: Facility Permissible Emissions**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**



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**Item 1-2.1:**

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

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

CAS No: 0NY210-00-0 (From Mod 1) PTE: 394,000 pounds per year  
Name: OXIDES OF NITROGEN

**Condition 1-3: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-3.1:**

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

40CFR 52-A.21

**Item 1-3.2:**

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

**Item 1-3.3:**

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

**Item 1-3.4:**

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

**Item 1-3.5:**

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

**Item 1-3.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



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Emission Unit: 1-00GTU  
Process: TDO

Emission Unit: 1-00GTU  
Process: TNO

Emission Unit: 1-00GTU  
Process: TDG

Emission Unit: 1-00GTU  
Process: TNG

Emission Unit: 1-00GTU  
Process: TDB

Emission Unit: 1-00GTU  
Process: TNB

Regulated Contaminant(s):  
CAS No: 007664-41-7 AMMONIA

**Item 1-3.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes  
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
THIS IS THE AMMONIA LIMIT DURING A WARM STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT. A WARM STARTUP IS NOT TO EXCEED 120 MINUTES IN DURATION. A WARM STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR LESS THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH  
Upper Permit Limit: 136 pounds  
Reference Test Method: EPA Method 7  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 3 calendar month(s).

**Condition 1-4: Capping Monitoring Condition**



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**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-4.1:**

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

40CFR 52-A.21

**Item 1-4.2:**

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

**Item 1-4.3:**

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

**Item 1-4.4:**

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

**Item 1-4.5:**

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

**Item 1-4.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU  
Process: TDB

Emission Unit: 1-00GTU  
Process: TDO

Emission Unit: 1-00GTU  
Process: TNB

Emission Unit: 1-00GTU



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Process: TNO

Emission Unit: 1-00GTU

Process: TDG

Emission Unit: 1-00GTU

Process: TNG

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 1-4.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE AMMONIA LIMIT DURING A COLD STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT. A COLD STARTUP IS NOT TO EXCEED 180 MINUTES IN DURATION. A COLD STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR MORE THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: TELEDYNE 200EH

Upper Permit Limit: 207 pounds

Reference Test Method: EPA Method 7

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-5: Capping Monitoring Condition  
Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-5.1:**

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

40CFR 52-A.21

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**Item 1-5.2:**

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

**Item 1-5.3:**

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

**Item 1-5.4:**

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

**Item 1-5.5:**

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

**Item 1-5.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU  
Process: TDB

Emission Unit: 1-00GTU  
Process: TDO

Emission Unit: 1-00GTU  
Process: TNB

Emission Unit: 1-00GTU  
Process: TNO

Emission Unit: 1-00GTU  
Process: TDG

Emission Unit: 1-00GTU  
Process: TNG

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

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**Facility DEC ID: 6405800046**



**Item 1-5.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO LIMIT DURING A WARM STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT. A WARM STARTUP IS NOT TO EXCEED 120 MINUTES IN DURATION. A WARM STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR LESS THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Upper Permit Limit: 237 pounds

Reference Test Method: EPA Method 10

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-6: Capping Monitoring Condition  
Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-6.1:**

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

40CFR 52-A.21

**Item 1-6.2:**

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

**Item 1-6.3:**

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



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control requirements, regulations or law.

**Item 1-6.4:**

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

**Item 1-6.5:**

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

**Item 1-6.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU  
Process: TDO

Emission Unit: 1-00GTU  
Process: TNO

Emission Unit: 1-00GTU  
Process: TDB

Emission Unit: 1-00GTU  
Process: TNB

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

**Item 1-6.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes  
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
CEM MONITORING OF NOX EMISSIONS FROM THE  
GAS TURBINE WITH OR WITHOUT THE DUCT  
BURNER WHILE FIRING BIODIESEL OR OIL.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH  
Upper Permit Limit: 68 pounds per hour  
Reference Test Method: EPA Method 7E  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE



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Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 3 calendar month(s).

**Condition 1-7: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-7.1:**

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

40CFR 52-A.21

**Item 1-7.2:**

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

**Item 1-7.3:**

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

**Item 1-7.4:**

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

**Item 1-7.5:**

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

**Item 1-7.6:**

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

Emission Unit: 1-00GTU  
Process: TDO

Emission Unit: 1-00GTU  
Process: TNO



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Emission Unit: 1-00GTU  
Process: TDG

Emission Unit: 1-00GTU  
Process: TNG

Emission Unit: 1-00GTU  
Process: TDB

Emission Unit: 1-00GTU  
Process: TNB

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

**Item 1-7.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes  
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
THIS IS THE CO EMISSION LIMIT DURING  
SHUTDOWN. THIS EMISSION LIMIT IS A POUND  
PER SHUTDOWN LIMIT. SHUTDOWN IS NOT TO  
EXCEED 60 MINUTES IN DURATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH  
Upper Permit Limit: 140 pounds  
Reference Test Method: EPA Method 10  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 3 calendar month(s).

**Condition 1-8: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-8.1:**

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



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40CFR 52-A.21

**Item 1-8.2:**

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

**Item 1-8.3:**

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

**Item 1-8.4:**

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

**Item 1-8.5:**

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

**Item 1-8.6:**

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

Emission Unit: 1-00GTU  
Process: TDB

Emission Unit: 1-00GTU  
Process: TDO

Emission Unit: 1-00GTU  
Process: TNB

Emission Unit: 1-00GTU  
Process: TNO

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

**Item 1-8.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes



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Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NOX LIMIT DURING A WARM STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMMIT. A WARM STARTUP IS NOT TO EXCEED 120 MINUTES IN DURATION. A WARM STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR LESS THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Upper Permit Limit: 272 pounds

Reference Test Method: EPA Method 7E

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-9: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-9.1:**

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

40CFR 52-A.21

**Item 1-9.2:**

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

**Item 1-9.3:**

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

**Item 1-9.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has



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operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 1-9.5:**

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

**Item 1-9.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU  
Process: TDG

Emission Unit: 1-00GTU  
Process: TNG

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

**Item 1-9.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes  
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
THIS IS THE NOX LIMIT DURING A WARM STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMMIT. A WARM STARTUP IS NOT TO EXCEED 120 MINUTES IN DURATION. A WARM STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR LESS THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH  
Upper Permit Limit: 132 pounds  
Reference Test Method: EPA Method 7E  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 3 calendar month(s).

**Condition 1-10: Capping Monitoring Condition**

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**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-10.1:**

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

40CFR 52-A.21

**Item 1-10.2:**

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

**Item 1-10.3:**

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

**Item 1-10.4:**

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

**Item 1-10.5:**

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

**Item 1-10.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU  
Process: TDB

Emission Unit: 1-00GTU  
Process: TDO

Emission Unit: 1-00GTU  
Process: TNB

Emission Unit: 1-00GTU

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Process: TNO

Emission Unit: 1-00GTU

Process: TDG

Emission Unit: 1-00GTU

Process: TNG

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 1-10.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE AMMONIA EMISSION LIMIT DURING SHUTDOWN. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT. SHUTDOWN IS NOT TO EXCEED 60 MINUTES IN DURATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Upper Permit Limit: 31 pounds

Reference Test Method: EPA Method 7

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-11: Capping Monitoring Condition**

**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-11.1:**

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

40CFR 52-A.21

**Item 1-11.2:**

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

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**Item 1-11.3:**

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

**Item 1-11.4:**

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

**Item 1-11.5:**

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

**Item 1-11.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU  
Process: TDG

Emission Unit: 1-00GTU  
Process: TNG

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

**Item 1-11.7:**

Compliance Certification shall include the following monitoring:

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

THIS IS THE NOX LIMIT DURING A COLD  
STARTUP. THIS EMISSION LIMIT IS A POUND  
PER STARTUP LIMIT. A COLD STARTUP IS NOT  
TO EXCEED 180 MINUTES IN DURATION. A  
COLD STARTUP IS DEFINED AS WHEN THE  
TURBINE HAS BEEN DOWN FOR MORE THAN 24  
HOURS. MALFUNCTIONS AND EMERGENCIES ARE  
NOT INCLUDED IN THIS STARTUP LIMITATION.



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**Facility DEC ID: 6405800046**

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH  
Upper Permit Limit: 211 pounds  
Reference Test Method: EPA Method 7E  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 3 calendar month(s).

**Condition 1-12: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-12.1:**

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

40CFR 52-A.21

**Item 1-12.2:**

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

**Item 1-12.3:**

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

**Item 1-12.4:**

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

**Item 1-12.5:**

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

**Item 1-12.6:**

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



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Emission Unit: 1-00GTU

Process: TDG

Emission Unit: 1-00GTU

Process: TNG

Regulated Contaminant(s):

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

**Item 1-12.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NOX EMISSION LIMIT DURING SHUTDOWN. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT. SHUTDOWN IS NOT TO EXCEED 60 MINUTES IN DURATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Upper Permit Limit: 75 pounds

Reference Test Method: EPA Method 7E

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-13: Capping Monitoring Condition**

**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-13.1:**

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

40CFR 52-A.21

**Item 1-13.2:**

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

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



**Item 1-13.3:**

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

**Item 1-13.4:**

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

**Item 1-13.5:**

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

**Item 1-13.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDB

Emission Unit: 1-00GTU

Process: TNB

Emission Unit: 1-00GTU

Process: TDO

Emission Unit: 1-00GTU

Process: TNO

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 1-13.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

VOC STACK TESTING OF THE GAS TURBINE  
WHILE FIRING BIODIESEL OR OIL IS REQUIRED  
ONCE DURING THE PERMIT



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**Facility DEC ID: 6405800046**

Upper Permit Limit: 5.0 pounds per hour  
Reference Test Method: EPA Method 25  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-14: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-14.1:**

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

40CFR 52-A.21

**Item 1-14.2:**

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

**Item 1-14.3:**

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

**Item 1-14.4:**

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

**Item 1-14.5:**

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

**Item 1-14.6:**

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

Emission Unit: 1-00GTU  
Process: TDB



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**Facility DEC ID: 6405800046**

Emission Unit: 1-00GTU

Process: TNB

Emission Unit: 1-00GTU

Process: TDO

Emission Unit: 1-00GTU

Process: TNO

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

CAS No: 0NY075-00-0 PARTICULATES

**Item 1-14.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM/PM-10 STACK TESTING OF THE GAS  
TURBINE WHILE FIRING BIODIESEL OR OIL IS  
REQUIRED ONCE DURING THE PERMIT

Upper Permit Limit: 0.047 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-15: Capping Monitoring Condition**

**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-15.1:**

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

40CFR 52-A.21

**Item 1-15.2:**

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

**Item 1-15.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of



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five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 1-15.4:**

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

**Item 1-15.5:**

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

**Item 1-15.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDB

Emission Unit: 1-00GTU

Process: TNB

Emission Unit: 1-00GTU

Process: TDO

Emission Unit: 1-00GTU

Process: TNO

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 1-15.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

VOC STACK TESTING OF THE GAS TURBINE  
WHILE FIRING BIODIESEL OR OIL IS REQUIRED  
ONCE DURING THE PERMIT

Upper Permit Limit: 0.008 pounds per million Btus

Reference Test Method: EPA Method 25



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**Facility DEC ID: 6405800046**

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-16: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-16.1:**

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

40CFR 52-A.21

**Item 1-16.2:**

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

**Item 1-16.3:**

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

**Item 1-16.4:**

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

**Item 1-16.5:**

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

**Item 1-16.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDO

Emission Unit: 1-00GTU

Process: TNB



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Emission Unit: 1-00GTU  
Process: TNO

Emission Unit: 1-00GTU  
Process: TDB

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

**Item 1-16.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes  
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)  
Monitoring Description:  
THIS IS THE NOX EMISSION LIMIT DURING  
SHUTDOWN. THIS EMISSION LIMIT IS A POUND  
PER SHUTDOWN LIMIT. SHUTDOWN IS NOT TO  
EXCEED 60 MINUTES IN DURATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH  
Upper Permit Limit: 155 pounds  
Reference Test Method: EPA Method 7E  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 3 calendar month(s).

**Condition 1-17: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-17.1:**

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

40CFR 52-A.21

**Item 1-17.2:**

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

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**Item 1-17.3:**

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

**Item 1-17.4:**

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

**Item 1-17.5:**

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

**Item 1-17.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDB

Emission Unit: 1-00GTU

Process: TDO

Emission Unit: 1-00GTU

Process: TNB

Emission Unit: 1-00GTU

Process: TNO

Regulated Contaminant(s):

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

**Item 1-17.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NOX LIMIT DURING A COLD  
STARTUP. THIS EMISSION LIMIT IS A POUND  
PER STARTUP LIMIT. A COLD STARTUP IS NOT  
TO EXCEED 180 MINUTES IN DURATION. A



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COLD STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR MORE THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH  
Upper Permit Limit: 435 pounds  
Reference Test Method: EPA Method 7E  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 3 calendar month(s).

**Condition 1-18: Capping Monitoring Condition**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-18.1:**

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

40CFR 52-A.21

**Item 1-18.2:**

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

**Item 1-18.3:**

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

**Item 1-18.4:**

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

**Item 1-18.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for



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which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 1-18.6:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDO

Emission Unit: 1-00GTU

Process: TNO

Emission Unit: 1-00GTU

Process: TDB

Emission Unit: 1-00GTU

Process: TNB

Regulated Contaminant(s):

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

**Item 1-18.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM MONITORING OF NOX EMISSIONS FROM THE  
GAS TURBINE WITH OR WITHOUT THE DUCT  
BURNER WHILE FIRING BIODIESEL OR OIL.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Upper Permit Limit: 18 parts per million by volume (dry,  
corrected to 15% O<sub>2</sub>)

Reference Test Method: EPA Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-19: Capping Monitoring Condition**

**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-19.1:**



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

40CFR 52-A.21

**Item 1-19.2:**

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

**Item 1-19.3:**

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

**Item 1-19.4:**

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

**Item 1-19.5:**

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

**Item 1-19.6:**

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

Emission Unit: 1-00GTU  
Process: TDB

Emission Unit: 1-00GTU  
Process: TDO

Emission Unit: 1-00GTU  
Process: TNB

Emission Unit: 1-00GTU  
Process: TNO

Emission Unit: 1-00GTU  
Process: TDG



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Emission Unit: 1-00GTU

Process: TNG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 1-19.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO LIMIT DURING A COLD STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT. A COLD STARTUP IS NOT TO EXCEED 180 MINUTES IN DURATION. A COLD STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR MORE THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: TELEDYNE 200EH

Upper Permit Limit: 317 pounds

Reference Test Method: EPA Method 10

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 41: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Expired by Mod 1**

**Item 41.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDO

Emission Source: 000GT

Emission Unit: 1-00GTU

Process: TNO

Emission Source: 000GT



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**Facility DEC ID: 6405800046**

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Upper Permit Limit: .10 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 2-HOUR BLOCK AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-20: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 227.2(b)(1)**

**Item 1-20.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



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Emission Unit: 1-00GTU  
Process: TDB                      Emission Source: 000GT

Emission Unit: 1-00GTU  
Process: TNB                      Emission Source: 000GT

Emission Unit: 1-00GTU  
Process: TNO                      Emission Source: 000GT

Emission Unit: 1-00GTU  
Process: TDO                      Emission Source: 000GT

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

**Item 1-20.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

- 1) submit, to the Department, an acceptable protocol for the testing of particulate emission limit cited in this condition,
- 2) perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition, and
- 3) all records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-21: Compliance Certification**

**Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

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**Item 1-21.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDG

Emission Unit: 1-00GTU

Process: TNG

Regulated Contaminant(s):

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

**Item 1-21.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM MONITORING OF NO<sub>x</sub> EMISSIONS FROM THE  
GAS TURBINE WHILE FIRING NATURAL GAS

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 33.0 pounds per hour

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-22: Compliance Certification**

**Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 1-22.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDG

Emission Unit: 1-00GTU

Process: TNG



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Regulated Contaminant(s):

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

**Item 1-22.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM MONITORING OF NO<sub>x</sub> EMISSIONS FROM THE  
GAS TURBINE WITH OR WITHOUT THE DUCT  
BURNER WHILE FIRING NATURAL GAS

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 43: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 43.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDG

Emission Unit: 1-00GTU

Process: TNG

Regulated Contaminant(s):

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

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:



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**Facility DEC ID: 6405800046**

**CEM MONITORING OF NO<sub>x</sub> EMISSIONS FROM THE  
GAS TURBINE WITH OR WITHOUT THE DUCT  
BURNER WHILE FIRING EITHER NATURAL GAS**

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 44: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 44.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDO

Emission Unit: 1-00GTU

Process: TNO

Regulated Contaminant(s):

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

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

**CEM MONITORING OF NO<sub>x</sub> EMISSIONS FROM THE  
GAS TURBINE WITH OR WITHOUT THE DUCT  
BURNER WHILE FIRING DISTILLATE OIL**

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 18.0 parts per million by volume



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**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**

(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 45: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 45.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TNG

Emission Unit: 1-00GTU

Process: TDG

Regulated Contaminant(s):

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

**Item 45.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM MONITORING OF NO<sub>x</sub> EMISSIONS FROM THE  
GAS TURBINE WHILE FIRING EITHER NATURAL  
GAS OR DISTILLATE OIL

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 33.0 pounds per hour

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



**Condition 46: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 46.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-00GTU

Process: TDO

Emission Unit: 1-00GTU

Process: TNO

Regulated Contaminant(s):

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

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM MONITORING OF NO<sub>x</sub> EMISSIONS FROM THE  
GAS TURBINE WHILE FIRING EITHER NATURAL  
GAS OR DISTILLATE OIL

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 68.0 pounds per hour

Reference Test Method: EPA METHOD 7

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

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

**Condition 58: Process Definition By Emission Unit**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



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

**Item 58.1(From Mod 1):**

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

Emission Unit: 1-00GTU

Process: TDB

Source Classification Code: 2-01-001-01

Process Description:

GAS TURBINE FIRING BIODIESEL, AND  
OPERATING WITH DUCT BURNERS FIRING NATURAL  
GAS.

Emission Source/Control: 000DB - Combustion

Design Capacity: 205.3 million Btu per hour

Emission Source/Control: 000GT - Combustion

Design Capacity: 695 million Btu per hour

Emission Source/Control: 00SCR - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SINJ - Control

Control Type: STEAM OR WATER INJECTION

**Item 58.2(From Mod 1):**

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

Emission Unit: 1-00GTU

Process: TDG

Source Classification Code: 2-03-002-03

Process Description:

GAS TURBINE/ HRSG OPERATING WITH DUCT  
BURNERS, BOTH FIRING NATURAL GAS.

Emission Source/Control: 000DB - Combustion

Design Capacity: 205.3 million Btu per hour

Emission Source/Control: 000GT - Combustion

Design Capacity: 695 million Btu per hour

Emission Source/Control: 00SCR - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SINJ - Control

Control Type: STEAM OR WATER INJECTION

**Item 58.3(From Mod 1):**

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

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



Emission Unit: 1-00GTU

Process: TDO

Source Classification Code: 2-02-001-03

Process Description:

GAS TURBINE FIRING DISTILLATE OIL, AND  
OPERATING WITH DUCT BURNERS FIRING NATURAL  
GAS

Emission Source/Control: 000DB - Combustion

Design Capacity: 205.3 million Btu per hour

Emission Source/Control: 000GT - Combustion

Design Capacity: 695 million Btu per hour

Emission Source/Control: 00SCR - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SINJ - Control

Control Type: STEAM OR WATER INJECTION

**Item 58.4(From Mod 1):**

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

Emission Unit: 1-00GTU

Process: TNB

Source Classification Code: 2-01-001-01

Process Description:

GAS TURBINE FIRING BIODIESEL, AND  
OPERATING WITHOUT DUCT BURNERS.

Emission Source/Control: 000DB - Combustion

Design Capacity: 205.3 million Btu per hour

Emission Source/Control: 000GT - Combustion

Design Capacity: 695 million Btu per hour

Emission Source/Control: 00SCR - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SINJ - Control

Control Type: STEAM OR WATER INJECTION

**Item 58.5(From Mod 1):**

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

Emission Unit: 1-00GTU

Process: TNG

Source Classification Code: 2-03-002-03

Process Description:



**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**

**GAS TURBINE/HRSG FIRING NATURAL GAS, AND  
OPERATING WITHOUT DUCT BURNERS**

Emission Source/Control: 000GT - Combustion  
Design Capacity: 695 million Btu per hour

Emission Source/Control: 00SCR - Control  
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SINJ - Control  
Control Type: STEAM OR WATER INJECTION

**Item 58.6(From Mod 1):**

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

Emission Unit: 1-00GTU  
Process: TNO  
Source Classification Code: 2-02-001-01

Process Description:  
GAS TURBINE/HRSG FIRING DISTILLATE OIL,  
AND OPERATING WITHOUT DUCT BURNERS

Emission Source/Control: 000GT - Combustion  
Design Capacity: 695 million Btu per hour

Emission Source/Control: 00SCR - Control  
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 0SINJ - Control  
Control Type: STEAM OR WATER INJECTION

**Condition 1-23: Capping Monitoring Condition  
Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-23.1:**

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

40CFR 52-A.21

**Item 1-23.2:**

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

**Item 1-23.3:**



**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**

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

**Item 1-23.4:**

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

**Item 1-23.5:**

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

**Item 1-23.6:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 1-23.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM MONITORING OF CO EMISSIONS FROM THE  
GAS TURBINE WHILE FIRING EITHER NATURAL  
GAS, DISTILLATE OIL OR BIODIESEL.

Manufacturer Name/Model Number: ROSEMONT ANALYTICAL 880A

Upper Permit Limit: 37.0 pounds per hour

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-24: Capping Monitoring Condition  
Effective for entire length of Permit**

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-24.1:**

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

40CFR 52-A.21

**Item 1-24.2:**

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

**Item 1-24.3:**

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

**Item 1-24.4:**

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

**Item 1-24.5:**

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

**Item 1-24.6:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 1-24.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM MONITORING OF CO EMISSIONS FROM THE  
GAS TURBINE WHILE FIRING EITHER NATURAL

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



GAS, DISTILLATE OIL OR BIODIESEL.

Manufacturer Name/Model Number: ROSEMONT ANALYTICAL 880A

Upper Permit Limit: 9 parts per million by volume (dry,  
corrected to 15% O<sub>2</sub>)

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 60: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 60.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant(s):

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

**Item 60.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO<sub>x</sub> EMISSION LIMIT DURING A WARM STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT. A WARM STARTUP IS NOT TO EXCEED 120 MINUTES IN DURATION. A WARM STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR LESS THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Upper Permit Limit: 132.0 pounds

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)



**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**

Reports due 30 days after the reporting period.  
The initial report is due 1/30/2006.  
Subsequent reports are due every 3 calendar month(s).

**Condition 61: Compliance Certification**  
**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 61.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 61.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO EMISSION LIMIT DURING A COLD STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT. A COLD STARTUP IS NOT TO EXCEED 180 MINUTES IN DURATION. A COLD STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR MORE THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: ROSEMOUNT ANALYTICAL 880A

Upper Permit Limit: 317.0 pounds

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 62: Compliance Certification**  
**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



**Expired by Mod 1**

**Item 62.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM MONITORING OF CO EMISSIONS FROM THE  
GAS TURBINE WHILE FIRING EITHER NATURAL  
GAS OR DISTILLATE OIL

Manufacturer Name/Model Number: ROSEMOUNT ANALYTICAL 880A

Upper Permit Limit: 9.0 parts per million by volume

(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 63: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 63.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 63.2:**

Compliance Certification shall include the following monitoring:



**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO EMISSION LIMIT DURING SHUTDOWN. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT. SHUTDOWN IS NOT TO EXCEED 60 MINUTES IN DURATION.

Manufacturer Name/Model Number: ROSEMOUNT ANALYTICAL 880A

Upper Permit Limit: 140.0 pounds

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 64: Compliance Certification**  
**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 64.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant(s):

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

**Item 64.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO<sub>x</sub> EMISSION LIMIT DURING SHUTDOWN. THIS EMISSION LIMIT IS A POUND PER SHUTDOWN LIMIT. SHUTDOWN IS NOT TO EXCEED 60 MINUTES IN DURATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Upper Permit Limit: 75.0 pounds

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY



**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**

TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 66: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 66.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant(s):

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

**Item 66.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE NO<sub>x</sub> EMISSION LIMIT DURING A COLD STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT. A COLD STARTUP IS NOT TO EXCEED 180 MINUTES IN DURATION. A COLD STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR MORE THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: TELEDYNE MODEL 200EH

Upper Permit Limit: 211.0 pounds

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 67: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 67.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 67.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

THIS IS THE CO EMISSION LIMIT DURING A WARM STARTUP. THIS EMISSION LIMIT IS A POUND PER STARTUP LIMIT. A WARM STARTUP IS NOT TO EXCEED 120 MINUTES IN DURATION. A WARM STARTUP IS DEFINED AS WHEN THE TURBINE HAS BEEN DOWN FOR LESS THAN 24 HOURS. MALFUNCTIONS AND EMERGENCIES ARE NOT INCLUDED IN THIS STARTUP LIMITATION.

Manufacturer Name/Model Number: ROSEMOUNT ANALYTICAL 880A

Upper Permit Limit: 237.0 pounds

Reference Test Method: 40 CFR 60 APP B&F

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 84: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Expired by Mod 1**

**Item 84.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU Emission Point: 00001

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



Regulated Contaminant(s):  
CAS No: 007664-41-7 AMMONIA

**Item 84.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

THIS IS THE AMMONIA EMISSION LIMIT  
DURING A WARM STARTUP. THIS EMISSION  
LIMIT IS A POUND PER STARTUP LIMIT. A  
WARM STARTUP IS NOT TO EXCEED 120 MINUTES  
IN DURATION. A WARM STARTUP IS DEFINED  
AS WHEN THE TURBINE HAS BEEN DOWN FOR  
MORE THAN 24 HOURS. MALFUNCTIONS AND  
EMERGENCIES ARE NOT INCLUDED IN THIS  
STARTUP LIMITATION.

Parameter Monitored: AMMONIA  
Upper Permit Limit: 136.0 pounds  
Reference Test Method: EPA 40 CFR 60 APP. A  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2006.  
Subsequent reports are due every 3 calendar month(s).

**Condition 85: Compliance Certification**  
**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Expired by Mod 1**

**Item 85.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU Emission Point: 00001

Regulated Contaminant(s):  
CAS No: 007664-41-7 AMMONIA

**Item 85.2:**

Compliance Certification shall include the following monitoring:

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



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

Monitoring Description:

THIS IS THE AMMONIA EMISSION LIMIT  
DURING A COLD STARTUP. THIS EMISSION  
LIMIT IS A POUND PER STARTUP LIMIT. A  
COLD STARTUP IS NOT TO EXCEED 180 MINUTES  
IN DURATION. A COLD STARTUP IS DEFINED  
AS WHEN THE TURBINE HAS BEEN DOWN FOR  
MORE THAN 24 HOURS. MALFUNCTIONS AND  
EMERGENCIES ARE NOT INCLUDED IN THIS  
STARTUP LIMITATION.

Parameter Monitored: AMMONIA

Upper Permit Limit: 207.0 pounds

Reference Test Method: EPA 40 CFR 60 APP. A

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 86: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Expired by Mod 1**

**Item 86.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU Emission Point: 00001

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 86.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

THIS IS THE AMMONIA EMISSION LIMIT  
DURING SHUTDOWN. THIS EMISSION LIMIT IS



**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**

A POUND PER SHUTDOWN LIMIT. SHUTDOWN IS NOT TO EXCEED 60 MINUTES IN DURATION.

Parameter Monitored: AMMONIA  
Upper Permit Limit: 31.0 pounds  
Reference Test Method: EPA 40 CFR 60 APP. A  
Monitoring Frequency: CONTINUOUS  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2006.  
Subsequent reports are due every 3 calendar month(s).

**Condition 87: Compliance Certification**  
**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 87.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU Emission Point: 00001

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

**Item 87.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEM MONITORING OF CO EMISSIONS FROM THE GAS TURBINE AND DUCT BURNER FIRING EITHER GAS OR DISTILLATE OIL.

Manufacturer Name/Model Number: Rosemount Analytical 880A

Upper Permit Limit: 37.0 pounds per hour  
Reference Test Method: 40 CFR 60, APP. B&F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2006.  
Subsequent reports are due every 3 calendar month(s).



**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**

**Condition 90: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 90.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU Emission Point: 00001  
Process: TDO

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

**Item 90.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM/PM-10 STACK TESTING OF THE GAS  
TURBINE AND DUCT BURNER WHILE FIRING OIL  
IS REQUIRED ONCE DURING THE TERM OF THE  
PERMIT.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 36.0 pounds per hour  
Reference Test Method: 40 CFR 60, APP. A  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 95: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 95.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU Emission Point: 00001  
Process: TNO

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

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



CAS No: 0NY075-00-0 PARTICULATES

**Item 95.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM/PM-10 STACK TESTING OF THE GT WHILE FIRING OIL IS REQUIRED ONCE DURING THE TERM OF THE PERMIT TO DETERMINE COMPLIANCE.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.047 pounds per million Btus

Reference Test Method: 40 CFR 60, APP. A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 96: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 96.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU Emission Point: 00001

Process: TNO

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 96.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

VOC STACK TESTING OF THE GT WHILE FIRING OIL IS REQUIRED ONCE DURING THE TERM OF THE PERMIT TO DETERMINE COMPLIANCE.

Parameter Monitored: VOC

Upper Permit Limit: 5.0 pounds per hour

Reference Test Method: 40 CFR 60, APP. A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT



**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 97: Compliance Certification**

**Effective between the dates of 12/05/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Expired by Mod 1**

**Item 97.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-00GTU Emission Point: 00001

Process: TNO

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 97.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

VOC STACK TESTING OF THE GT WHILE FIRING  
OIL IS REQUIRED ONCE DURING THE TERM OF  
THE PERMIT TO DETERMINE COMPLIANCE.

Parameter Monitored: VOC

Upper Permit Limit: 0.008 pounds per million Btus

Reference Test Method: 40 CFR 60, APP. A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

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 applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.**

**Condition 98: Contaminant List  
Effective between the dates of 12/05/2005 and Permit Expiration Date**

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

**Item 98.1:**

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

**New York State Department of Environmental Conservation**

**Permit ID: 6-4058-00046/00009**

**Facility DEC ID: 6405800046**



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

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 000630-08-0

Name: CARBON MONOXIDE

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: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC