



**New York State Department of Environmental Conservation**  
**Permit Review Report**

**Permit ID: 3-5518-00214/00019**

**Renewal Number: 1**

**08/04/2010**

**Facility Identification Data**

Name: AMERICAN SUGAR REFINING INC

Address: 1 FEDERAL ST

YONKERS, NY 10705

**Owner/Firm**

Name: AMERICAN SUGAR REFINING INC

Address: 1 FEDERAL ST

YONKERS, NY 10705-1079, USA

Owner Classification: Corporation/Partnership

**Permit Contacts**

Division of Environmental Permits:

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NEW PALTZ, NY 12561

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WHITE PLAINS, NY 10603

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Air Permitting Contact:

Name: LAEL PAULSON

Address: AMERICAN SUGAR REFINING INC

1 FEDERAL ST

YONKERS, NY 10705

Phone: 9147098238

**Permit Description**

**Introduction**

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

**Summary Description of Proposed Project**

This application pertains to the renewal of the Title V permit of this Facility. In addition to the renewing the permit of all previously permitted operations, this renewal will permit:



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- a) the operation of one 1600 KW emergency generator (allowed to operate under 500 hrs per year),
- b) the operation of several new emission points as follows:
- i) six new emission points which will serve process sources (EPs 29, 30, 31, 32, were submitted with the 8/2006 modification application and EPs Nos 33, 34 were submitted with the 12/8/2008 modification),
- ii) one new emission point (EP 23A) which serves existing emission sources but inadvertently had been omitted from the permit, and
- c) the operational flexibility of the duct burner to operate by itself without its associated gas turbine (submitted in 2/2010) on natural gas only.

The modifications described above will now be incorporated into the renewal of the Facility's Title V permit.

**Attainment Status**

AMERICAN SUGAR REFINING INC is located in the town of YONKERS in the county of WESTCHESTER.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
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-----	-----
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	SEVERE NON-ATTAINMENT
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

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\* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

\*\* NOx has a separate ambient air quality standard in addition to being an ozone precursor.

**Facility Description:**

The primary function of the facility is to refine cane sugar for consumer use in the form of brown, white and confectionary sugar. The raw sugar goes through a series of operations including clarification, evaporation and crystallization in order to produce the final produce. Small quantities of particulates are emitted in the various processes of crushing, evaporation and crystallization.

**Permit Structure and Description of Operations**

The Title V permit for AMERICAN SUGAR REFINING INC

is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process. A facility is defined as all emission sources located at one or more adjacent or contiguous



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properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

AMERICAN SUGAR REFINING INC is defined by the following emission unit(s):

Emission unit E00001 - Process sources including dryers, granulators, conveying and storage systems, and other miscellaneous sources.

Emission unit E00001 is associated with the following emission points (EP):

00001, 00003, 00004, 00007, 00008, 00011, 00014, 00015, 00016, 00018, 00019, 00020, 00021, 00024, 00025, 00026, 00027, 00029, 00030, 00031, 00032, 00033, 00034

Process: 00A is located at Building 10 - Air cooling and hot air drying of granulated sugar.

Process: 00B is located at Building 10 - EXHAUSTING, CONVEYING AND STORAGE SYSTEM.

Process: 00D is located at Building 12 - VACUUM SYSTEM TO RECOVER GRANULATED SUGAR.

Process: 00E is located at Building 10 - CONVEYING AND STORAGE SYSTEM.

Process: 00F is located at Building 10 - CONVEYING AND STORAGE SYSTEM.

Process: 00G is located at Building YARD - BULK TRAILOR MANHOLE EXHAUST AT GRANULATED SUGAR LOADING SPOT.

Process: 00H is located at Building 10 - Adsorbent Regeneration. Carbon is used as an adsorbent of color bodies which we later regenerate in the carbon furnace.

Process: 00I is located at Building 14A - This process includes the new powder sugar mill, a 9,000 lb starch storage bin and a 60,000 lb sugar storage bin. This process is regulated under 6NYCRR Part 212.4(c) with permissible limit 0.05 grains/dscf.

Process: 00J is located at Building 14A - This process contains a new product storage bin which is used for packaging confectionary sugar. This process is regulated under 6 NYCRR Part 212.4 (c) with a limit of 0.05 grains/dscf.



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Process: 00K is located at Building 14A - This process pertains to a new tote packaging line including a pressure blower package. Bulk bag supply bin is controlled through AVR vent filter (DC-6) EP33. Nuisance dust generated during the tote filling is controlled with AVS vent filter (DC-7) EP #34.

Emission unit E00002 - This emission unit includes:

- a) one emergency generator rated at 1600KW to operated under 500 hr per year.
- b) one boiler (# 3) rated at 165 mmBTU/hr, which is exhausting flue gases through emission point 21C
- c) one cogeneration unit with a combined heat rating of 167 mmBTU/hr. The cogeneration unit comprises a gas turbine rated at 58 mmBTU/hr when it is operated by itself and a duct burner with a heat rating of 109 mmBTU/hr when it is operated in conjunction with the turbine. When the duct burner is operated by itself, its heat rating can be as high as 164 mmBTU/hr. The co-gen system may be exhausting gases through emission points 23A or 23 under operation modes 5 and 6 described below. For all other operational modes emission point 23 will be employed.

The cogeneration system of this emission unit is allowed operational flexibility as follows:

- 1) the turbine operates on natural gas and the duct burner operates on natural gas,
- 2) the turbine operates on natural gas and the duct burner operates on #2 oil,
- 3) the turbine operates on #2 oil and the duct burner operates on natural gas,
- 4) the turbine operates on # 2 oil and the duct burner operates on #2 oil,
- 5) the turbine operates on natural gas, duct burner is off.
- 6) the turbine operates on #2 oil, duct burner is off.
- 7) the duct burner operates on natural gas only, turbine is off.
- 8) the duct burner operates on #2 oil, turbine is off.

Note: The Facility is using the term duct burner and boiler No.4 interchangeably.

Mod 1 Ren0 was never built. A permit was issued however which showed this emission unit to include:

- a) one boiler (# 3) rated at 165 mmBTU/hr, b) one cogeneration unit (gas with a duct burner) rated at 167.5 mmBTU/hr, and c) a new boiler No. 5. rated at 214 mmBTU/hr. The new boiler was supposed to replace a 22.5 mmBTU/hr diesel generator. Mod 1 Ren 0 was created to allow the operation of the 214 boiler.

Emission unit E00002 is associated with the following emission points (EP):  
00023, 0021C, 0023A

Process: C01 is located at Building 5 - BOILER #3 USING NATURAL GAS.

Process: C02 is located at Building 5 - BOILER #3 USING NO. 2 FUEL OIL.

Process: C06 is located at Building 5A - GAS TURBINE / COGENERATION UNIT BURNING NATURAL GAS.

Process: C07 is located at Building 5A - Gas Turbine / Cogeneration unit burning No.2 oil.



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burner.

Process: C09 is located at Building 5A - Existing gas turbine burning No.2 oil WITHOUT its associated duct burner.

Process: C12 is located at Building 5A - Duct Burner (also called boiler #4) operating alone while firing natural gas. The duct burner is part of a Gas Turbine Cogeneration system and when operated alone can generate up to 164 mmBTU/hr. This mode of operation is allowed to exhaust thru emission point 00023 only.

Process: C13 is located at Building 5A - Duct Burner (also called boiler #4) operating alone while firing No.2 Oil. The duct burner is part of a Gas Turbine Cogeneration system and when operated alone can generate up to 164 mmBTU/hr. This mode of operation is allowed to exhaust thru emission point 00023 only.

Process: C14 is located at Building 5A - This process describes the operation of the cogeneration unit when the turbine (58 mmBTU/hr) operates burning natural gas while the duct burner (109 mmBTU/hr) operates firing No.2 Oil. This mode of operation is allowed to exhaust thru emission point 00023 only.

Process: C15 is located at Building 5A - This process describes the operation of the cogeneration unit when the turbine (58 mmbtu/hr) operates burning No.2 Oil while the duct burner (109 mmbtu/hr) operates firing natural gas. This mode of operation is allowed to exhaust thru emission point 00023 only.

**Title V/Major Source Status**

AMERICAN SUGAR REFINING INC is subject to Title V requirements. This determination is based on the following information:

The emissions of NO<sub>x</sub> are 276 tons per year and the emissions of Carbon Monoxide is 118 tons per year. These exceed the 'major' threshold limit of 100 tons per year.

**Program Applicability**

The following chart summarizes the applicability of AMERICAN SUGAR REFINING INC with regards to the principal air pollution regulatory programs:

<b>Regulatory Program</b>	<b>Applicability</b>
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	YES
TITLE IV	NO
TITLE V	YES



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TITLE VI	NO
RACT	YES
SIP	YES

NOTES:

**PSD** Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

**NSR** New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

**NESHAP** National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's).

**MACT** Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

**NSPS** New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

**Title IV Acid Rain Control Program** (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

**Title VI Stratospheric Ozone Protection** (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

**RACT** Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

**SIP** State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are



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empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

**Compliance Status**

Facility is in compliance with all requirements.

**SIC Codes**

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis

of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

**SIC Code**

**Description**

2062

CANE SUGAR REFINING

**SCC Codes**

SCC or Source Classification Code is a code developed and used" by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information.Each SCC represents

a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

**SCC Code**

**Description**

1-01-005-01

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION

ELECTRIC UTILITY BOILER - DISTILLATE OIL Grades 1 and 2 Oil

1-01-006-01

EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION

ELECTRIC UTILITY BOILER - NATURAL GAS Boilers > 100 MBtu/Hr except Tangential

1-02-005-05

EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - DISTILLATE OIL Cogeneration

1-02-006-04

EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - NATURAL GAS Cogeneration

2-01-002-01

INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION

ELECTRIC UTILITY INTERNAL COMBUSTION ENGINE - NATURAL GAS Turbine

2-02-001-03

INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - DISTILLATE OIL(DIESEL)

2-02-002-03

Turbine: Cogeneration INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - NATURAL GAS Turbine: Cogeneration

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3-02-007-70	FOOD AND AGRICULTURE
	FOOD AND AGRICULTURE - GRAIN MILLINGS
	FOOD & AGR-GRAIN MILLINGS: DEXTROSE DRYING
3-02-015-25	FOOD AND AGRICULTURE
	FOOD AND AGRICULTURE - SUGAR CANE
	PROCESSING
	Regeneration of carbon in a carbon furnace
3-02-015-99	FOOD AND AGRICULTURE
	FOOD AND AGRICULTURE - SUGAR CANE
	PROCESSING
	Other Not Classified

**Facility Emissions Summary**

In the following table, the CAS No. or Chemical Abstract Service code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	Range
		lbs/yr	
000630-08-0	CARBON MONOXIDE	236000	
0NY100-00-0	HAP		> 0 but < 2.5 tpy
0NY210-00-0	OXIDES OF NITROGEN	552000	
0NY075-00-0	PARTICULATES	84000	
0NY075-00-5	PM-10	84000	
007446-09-5	SULFUR DIOXIDE	156000	
0NY998-00-0	VOC	44000	

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**Item A: Emergency Defense - 6 NYCRR 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;





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- (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 - 6 NYCRR 201-1.10(b)**

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

**Item C: Timely Application for the Renewal of Title V Permits -6 NYCRR 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 - 6 NYCRR 201-6.5(a)(5)**

It shall not be a defense for a permittee in an enforcement action to claim that a cessation



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or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

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

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emissions standards or other terms or conditions of the permit.

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

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

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

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

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

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

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

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**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

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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.

**Regulatory Analysis**

Location Facility/EU/EP/Process/ES	Regulation	Condition	Short Description
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FACILITY	ECL 19-0301	90	Powers and Duties of the Department with respect to air
FACILITY	40CFR 52-A.21	30	pollution control
E-00002	40CFR 52-A.21	62	Prevention of Significant Deterioration
FACILITY	40CFR 60-A.11	48	Prevention of Significant Deterioration
FACILITY	40CFR 60-A.12	49	General provisions - compliance with standards and maintenance requirements
FACILITY	40CFR 60-A.13	50	General provisions - Circumvention
FACILITY	40CFR 60-A.14	51	General provisions - Monitoring requirements
FACILITY	40CFR 60-A.15	52	General provisions - Modification
FACILITY	40CFR 60-A.4	35	General provisions - Reconstruction
FACILITY	40CFR 60-A.7(a)	36	General provisions - Address
FACILITY	40CFR 60-A.7(b)	37	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(c)	38	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(d)	39	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(e)	40	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(f)	41	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(g)	42	Notification and Recordkeeping
FACILITY	40CFR 60-A.8(a)	43	Performance Tests
FACILITY	40CFR 60-A.8(b)	44	Performance Tests
FACILITY	40CFR 60-A.8(e)	45	Performance Tests
FACILITY	40CFR 60-A.8(f)	46	Performance Tests
FACILITY	40CFR 60-A.9	47	General provisions - Availability of information



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E-00002/-/C13/00023	40CFR 60-Db.42b(j)	74	Exemption from Standards for Sulfur Dioxide.
E-00002/-/C14/00023	40CFR 60-Db.42b(j)	76	Exemption from Standards for Sulfur Dioxide.
FACILITY	40CFR 60-Db.44b(a)(1)	53, 54	Standard for Nitrogen Oxides Firing Natural Gas and Distillate Oil. (see narrative)
E-00002/-/C12	40CFR 60-Db.44b(a)(1)	72	Standard for Nitrogen Oxides Firing Natural Gas and Distillate Oil. (see narrative)
E-00002/-/C13	40CFR 60-Db.44b(a)(1)	73	Standard for Nitrogen Oxides Firing Natural Gas and Distillate Oil. (see narrative)
E-00002/00023/C06/00023	40CFR 60-GG.332	83	Standard for Nitrogen Oxides for Gas Turbines > 100 mmBtu/hr
E-00002/00023/C08	40CFR 60-GG.332	85	Standard for Nitrogen Oxides for Gas Turbines > 100 mmBtu/hr
E-00002/0023A/C08	40CFR 60-GG.332	88	Standard for Nitrogen Oxides for Gas Turbines > 100 mmBtu/hr
E-00002/00023/C06	40CFR 60-GG.333	82	Standard for Sulfur Dioxide
E-00002/00023/C06/00023	40CFR 60-GG.333	84	Standard for Sulfur Dioxide
E-00002/00023/C08	40CFR 60-GG.333	86	Standard for Sulfur Dioxide
E-00002/0023A/C08	40CFR 60-GG.333	89	Standard for Sulfur Dioxide
FACILITY	40CFR 60-GG.334(a)	55	Monitoring of Operations for Turbines Employing Water Injection to Control NOx
FACILITY	40CFR 68	22	Chemical accident prevention provisions
FACILITY	40CFR 82-F	23	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	Maintenance of equipment.
FACILITY	6NYCRR 201-1.4	91	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	11	Recycling and Salvage
FACILITY	6NYCRR 201-1.8	12	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-3.2(a)	13, 14	Exempt Activities - Proof of eligibility

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FACILITY	6NYCRR 201-3.3 (a)	15	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	24, 25, 26, 56, 57	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5 (a) (4)	16	General conditions
FACILITY	6NYCRR 201-6.5 (a) (7)	2	General conditions
FACILITY	6NYCRR 201-6.5 (a) (8)	17	Fees
FACILITY	6NYCRR 201-6.5 (c)	3	General conditions
FACILITY	6NYCRR 201-6.5 (c) (2)	4	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (c) (3) (ii)	5	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (d) (5)	18	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (e)	27	Compliance schedules
FACILITY	6NYCRR 201-6.5 (f) (6)	19	Compliance Certification
FACILITY	6NYCRR 201-6.5 (g) (3)	28	Off Permit Changes
FACILITY	6NYCRR 201-7	29, 30, 58	Permit shield
E-00002	6NYCRR 201-7	62	Federally Enforceable Emissions Caps
FACILITY	6NYCRR 202-1.1	20	Federally Enforceable Emissions Caps
FACILITY	6NYCRR 202-2.1	6	Required emissions tests.
FACILITY	6NYCRR 202-2.5	7	Emission Statements - Applicability
FACILITY	6NYCRR 211.2	92	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.3	21	General Prohibitions - air pollution prohibited.
FACILITY	6NYCRR 212.3 (b)	31	General Prohibitions - visible emissions limited
E-00001	6NYCRR 212.6 (a)	59, 60	General Process Emission Sources - existing emission sources
E-00001/-/00A	6NYCRR 212.9 (d)	61	General Process Emission Sources - opacity of emissions limited
FACILITY	6NYCRR 215	8	Tables.
FACILITY	6NYCRR 215.2	9	Open Fires
FACILITY	6NYCRR 225-1.2 (a) (2)	32	Open Fires - Prohibitions
E-00002/-/C01/0021C	6NYCRR 227-2.4 (b) (1)	63	Sulfur in Fuel Limitations Post 12/31/87.
E-00002/-/C06	6NYCRR 227-	64, 65	Control Requirements for large boilers which are not case by case.
			RACT requirements for

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	2.4 (e) (1) (i)		Simple cycle and regenerative combustions turbines firing gas only.
E-00002/-/C08	6NYCRR 227-2.4 (e) (1) (i)	68, 69	RACT requirements for Simple cycle and regenerative combustions turbines firing gas only.
E-00002/00023	6NYCRR 227-2.4 (e) (2)	78, 79	RACT requirements for combined cycle combustion turbines.
FACILITY	6NYCRR 227-2.4 (e) (2) (i)	33	RACT requirements for gas fired combined cycle combustion turbines.
E-00002/-/C14	6NYCRR 227-2.4 (e) (2) (i)	75	RACT requirements for gas fired combined cycle combustion turbines.
FACILITY	6NYCRR 227-2.4 (e) (2) (ii)	34	RACT requirements for combined cycle combustion turbines when firing oil.
E-00002/-/C07	6NYCRR 227-2.4 (e) (2) (ii)	66, 67	RACT requirements for combined cycle combustion turbines when firing oil.
E-00002/-/C09	6NYCRR 227-2.4 (e) (2) (ii)	70, 71	RACT requirements for combined cycle combustion turbines when firing oil.
E-00002/-/C15	6NYCRR 227-2.4 (e) (2) (ii)	77	RACT requirements for combined cycle combustion turbines when firing oil.
E-00002/00023	6NYCRR 227-2.6 (c)	80, 81	Stack Test Requirements.
E-00002/0021C	6NYCRR 227-2.6 (c)	87	Stack Test Requirements.
FACILITY	6NYCRR 231-2	30	New Source Review in Nonattainment Areas and Ozone Transport Region
E-00002	6NYCRR 231-2	62	New Source Review in Nonattainment Areas and Ozone Transport Region

**Applicability Discussion:**

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-0301

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6 NYCRR 200.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6 NYCRR 200.7



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Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6 NYCRR 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6 NYCRR 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6 NYCRR 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6 NYCRR 201-3.2 (a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, 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.

6 NYCRR 201-3.3 (a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to 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.

6 NYCRR Subpart 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6 NYCRR 201-6.5 (a) (4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The request may include copies of records required to be kept by the permit.

6 NYCRR 201-6.5 (a) (7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V





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requirements to pay all applicable fees associated with the emissions from their facility.

6 NYCRR 201-6.5 (a) (8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6 NYCRR 201-6.5 (c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6 NYCRR 201-6.5 (c) (2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6 NYCRR 201-6.5 (c) (3) (ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6 NYCRR 201-6.5 (d) (5)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

6 NYCRR 201-6.5 (e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6 NYCRR 201-6.5 (f) (6)

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

6 NYCRR 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6 NYCRR 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calENDar year.



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6 NYCRR 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6 NYCRR 211.2

This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

6 NYCRR 211.3

This condition requires that the opacity (i.e., the degree to which emissions other than water reduce the transmission of light) of the emissions from any air contamination source be less than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent.

6 NYCRR Part 215

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

40 CFR Part 68

This Part lists the regulated substances and there applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act AmENDments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

**Facility Specific Requirements**

In addition to Title V, AMERICAN SUGAR REFINING INC has been determined to be subject to the following regulations:

40 CFR 52.21

40 CFR 60.11

This regulation specifies the type of opacity monitoring requirements in relation to compliance with the standards and maintenance requirements.



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40 CFR 60.12

This regulation prohibits an owner or operator from concealing emissions in violation of applicable standards by any means.

40 CFR 60.13

This regulation specifies how monitoring shall be performed and which methods and appendices are used to determine if the monitoring is adequate and in compliance with the regulated standards.

40 CFR 60.14

This regulation defines the term modification and what is and is not considered to be a modification, for the purpose of rule applicability.

40 CFR 60.15

This regulation defines the term reconstruction and what is and is not considered to be a reconstruction project, for the purpose of rule applicability.

40 CFR 60.332

This regulation pertains to the monitoring of emission of Nitrogen oxides as well as to the nitrogen content of fuel. This facility has an EPA approved custom fuel-bound nitrogen schedule.

40 CFR 60.333

This regulation sets the emission limit of sulfur dioxide from a gas turbine at 0.015 % by volume at 15% excess oxygen.

40 CFR 60.334 (a)

This regulation requires the owner or operator of any stationary gas turbine subject to the provisions of 40CFR60 Subpart GG that is using water injection to control NO<sub>x</sub> emissions to install and operate a continuous monitoring system to monitor and record fuel consumption and the ratio of water to fuel fired in the turbine

40 CFR 60.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

40 CFR 60.42b (j)

This subdivision contains an exemption from the percent reduction requirements if the affected facility fires very low sulfur content oil.

40 CFR 60.44b (a) (1)



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These standards apply to all boilers firing natural gas and/or distillate oil except as provided in 40 CFR 60.44b(a)(4) Duct Burners Used in a Combined Cycle System.

40 CFR 60.7 (a)

This regulation requires any owner or operator subject to a New Source Performance Standard (NSPS) to furnish the Administrator with notification of the dates of: construction or reconstruction, initial startup, any physical or operational changes, commencement of performance testing for continuous monitors and anticipated date for opacity observations as required.

40 CFR 60.7 (b)

This regulation requires the owner or operator to maintain records of the occurrence and duration of any startup, shutdown, or malfunction of the source or control equipment or continuous monitoring system.

40 CFR 60.7 (c)

This requirement details the information to be submitted in excess emissions and monitoring systems performance reports which must be submitted at least semi-annually for sources with compliance monitoring systems.

40 CFR 60.7 (d)

This condition specifies the required information and format for a summary report form and details when either a summary form and/or excess emissions reports are required.

40 CFR 60.7 (e)

This condition specifies how sources that remain in continuous compliance, and are subject to monthly or quarterly reporting, can reduce reporting frequency to semiannually.

40 CFR 60.7 (f)

This condition specifies requirements for maintenance of files of all measurements, including continuous monitoring system (CMS), monitoring device, and performance testing measurements; all CMS performance evaluations; all CMS or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices for at least two years.

40 CFR 60.7 (g)

This condition allows source owners to use reporting required for state or local agencies to satisfy the paragraph (a) reporting requirements of this section of this rule.

40 CFR 60.8 (a)

This regulation contains the requirements for the completion date and reporting of Performance Testing (stack testing), at the facility. Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup, the owner or operator



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of the facility must conduct performance test(s) and furnish a written report of the test results.

40 CFR 60.8 (b)

This regulation contains the requirements for Performance test methods and procedures, to be used by the owner or operator , of the affected facility.

40 CFR 60.8 (e)

This regulation requires the facility to provide appropriate sampling ports, safe platforms and utilities as necessary for Performance (stack) testing.

40 CFR 60.8 (f)

This regulation requires that Performance (stack) tests consist of three runs unless otherwise specified. The rule also designates the allowable averaging methods for the analysis of the results.

40 CFR 60.9

This rule citation allows the public access to any information submitted to the EPA Administrator (or state contact), in conjunction with a project subject to this section of the regulation.

6 NYCRR 201-6.5 (g) (3)

The facility shall comply with all necessary requirements as pursuant to 40 CFR 60 subpart Db by maintaining records demonstrating that the fuel oil meets the definition of very low sulfur oil. These records are to be maintained as described in section 40 CFR 60.49b(r).

6 NYCRR 212.3 (b)

This rule requires existing sources (in operation on or before July 1, 1973) of solid particulates with environmental rating of B or C which are not subject to Table 5 "Processes for which Permissible Emission Rate is Based on Process Weight, to be limited to an particulate emission rate not to exceed 0.15 grains per dry standard cubic foot.

6 NYCRR 212.6 (a)

This rule specifies an opacity limitation of less than 20% for any six consecutive minute period for all process emission sources.

6 NYCRR 212.9 (d)

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 4 (section d) of this Part for the environmental rating issued by the commissioner.



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6 NYCRR 225-1.2 (a) (2)

This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6 NYCRR 227-2.4 (b) (1)

This paragraph provides a table for gas only, gas and/or oil firing capable, pulverized coal, and overfeed stoker emission limits. Compliance is determined by a stack test.

6 NYCRR 227-2.4 (e) (1) (i)

NOx emissions from combined cycle combustion turbines subject to this section must not exceed 42 ppmvd, corrected to 15% oxygen, when firing gas.

For units with a duct burner, compliance will be based on the combination of the turbine and the duct burner when both fire, and the turbine alone when not duct firing.

Compliance with these emission limits shall be determined with a one hour average in accordance with section 227-2.6(a)(5) or (6) of this Subpart. Units determining compliance under section 227-2.6(a)(2) of this Subpart may opt to utilize a continuous emissions monitoring system (CEMS) under the provisions of section 227-2.6(a)(2) of this Subpart. If CEMS are utilized, the requirements of section 227-2.6(b) of this Subpart apply, including the use of a 24-hr averaging period.

6 NYCRR 227-2.4 (e) (2)

6 NYCRR 227-2.4 (e) (2) (i)

6 NYCRR 227-2.4 (e) (2) (ii)

6 NYCRR 227-2.6 (c)

6 NYCRR Subpart 201-7

This regulation/condition sets forth an emission cap that cannot be exceeded by the facility. In this permit the cap is 277 tons per year **total** for the facility. There is also an individual/independent cap for EU: E-00002 of 274.5 tons per year.

6 NYCRR Subpart 231-2

The provisions of Subpart 231-2 apply to new or modified major facilities. The contaminants of concern state-wide are nitrogen oxides and volatile organic compounds since New York State is located in the ozone transport region and because there are ozone non-attainment areas within the state. In addition,

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particulate matter less than 10 microns in size (PM-10) is a non-attainment contaminant in Manhattan County.

The Facility has capped their annual NOx to 276 tons/year, to avoid 231-2 applicability.

**Compliance Certification**  
**Summary of monitoring activities at AMERICAN SUGAR REFINING INC:**

<b>Location</b> <b>Facility/EU/EP/Process/ES</b>	<b>Cond No.</b>	<b>Type of Monitoring</b>
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FACILITY	38	record keeping/maintenance procedures
FACILITY	53	intermittent emission testing
FACILITY	54	monitoring of process or control device parameters as surrogate
E-00002/00023/C06/00023	83	record keeping/maintenance procedures
E-00002/00023/C08	85	record keeping/maintenance procedures
E-00002/0023A/C08	88	record keeping/maintenance procedures
E-00002/00023/C06	82	monitoring of process or control device parameters as surrogate
E-00002/00023/C06/00023	84	monitoring of process or control device parameters as surrogate
E-00002/00023/C08	86	monitoring of process or control device parameters as surrogate
E-00002/0023A/C08	89	monitoring of process or control device parameters as surrogate
FACILITY	55	monitoring of process or control device parameters as surrogate
FACILITY	14	record keeping/maintenance procedures
FACILITY	25	record keeping/maintenance procedures
FACILITY	26	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	27	record keeping/maintenance procedures
FACILITY	28	record keeping/maintenance procedures
FACILITY	30	monitoring of process or control device parameters as surrogate
E-00002	62	monitoring of process or control device parameters as surrogate
FACILITY	6	record keeping/maintenance procedures
FACILITY	31	intermittent emission testing
E-00001	59	intermittent emission testing
E-00001	60	monitoring of process or control device parameters as surrogate
FACILITY	32	work practice involving specific operations
E-00002/-/C01/0021C	63	intermittent emission testing
E-00002/-/C06	64	monitoring of process or control device parameters as surrogate
E-00002/-/C06	65	intermittent emission testing
E-00002/-/C08	68	monitoring of process or control device parameters as surrogate
E-00002/-/C08	69	intermittent emission testing
E-00002/00023	78	monitoring of process or control device parameters as surrogate
E-00002/00023	79	monitoring of process or control device parameters as surrogate



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FACILITY	33	intermittent emission testing
E-00002/-/C14	75	monitoring of process or control device parameters as surrogate
FACILITY	34	intermittent emission testing
E-00002/-/C07	66	monitoring of process or control device parameters as surrogate
E-00002/-/C07	67	monitoring of process or control device parameters as surrogate
E-00002/-/C09	70	monitoring of process or control device parameters as surrogate
E-00002/-/C09	71	intermittent emission testing
E-00002/-/C15	77	monitoring of process or control device parameters as surrogate
E-00002/00023	80	intermittent emission testing
E-00002/00023	81	intermittent emission testing
E-00002/0021C	87	intermittent emission testing

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**Basis for Monitoring**

201-6: This condition was created in order to maintain a form of monitoring pertaining to electric generating units either applicable or not. This also covers the 227-2 requirements.

201-6.5(g)(3): This requires the facility to maintain and submit records in order to certify that the requirements of Db are being met. The federal requirements are less stringent than the states and therefore compliance is achieved by meeting the state regulatory limitations.

201-7: The condition was originally created in the REN 0 MOD 0 and is valid and required for the current permit.

227-2.6(c): The first condition involves only the firing of natural gas, while the second lists fuel oil. These are applicable to both fuel firing scenarios (firing dual fuel and then when just firing No. 2 fuel oil.) Therefore, the testing is required for both.

40 CFR 60-GG.332: This is a requirement carried over from the REN 0 permit. The conditions refer to previous requirements mandated by the EPA.