



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

Facility Identification Data

Name: SIMSMETAL EAST LLC-QUEENS PLANT

Address: 30-27 GREENPOINT AVE

LONG ISLAND CITY, NY 11101

Owner/Firm

Name: SIMSMETAL EAST LLC

Address: 1 LINDEN AVE

JERSEY CITY, NJ 07305, USA

Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:

Name: ELIZABETH A CLARKE

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47-40 21ST ST

LONG ISLAND CITY, NY 11101-5407

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Division of Air Resources:

Name: DIANA MENASHA

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LONG ISLAND CITY, NY 11101

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Air Permitting Facility Owner Contact:

Name: FRED CORNELL

Address: SIMS HUGO NEU EAST

1 JERSEY AVE

JERSEY CITY, NJ 07302

Phone:2013334300

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

ERCs application.

The facility is applying for NOx emission reduction credits due to the removal of the 9,630 HP Main



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

Permit ID: 2-6304-00268/00015

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generator (Emission Source 0001 in Emission Unit 2-00002), with rated output of 6,000 HP.

This is permit application for a Title V minor modification to reflect the removal of the Main Generator, the 6000 bhp diesel fired engine generator, identified as Emission Source 00001 in Emission Unit 2-00002, and as a result 33.44 tons of NOx emission reduction credits were created.

Permanent removal from service of the Main generator produces certifiable, quantifiable, permanent and enforceable emission reduction credits that could be transferred via NYSDEC registry to other parties requiring offsets in the NYC - Metropolitan Severe Non-Attainment Area for NOx.

The "Main Generator" (a 6000 bhp generator- identified as Emission Source 00001 in Emission Unit 2-00002) has been permanently shut down on 10/1/2006, and in accordance with Part 231-10 by permanently shutting this source down, 33.44 tons of NOx "Emission Reduction Credits" have been created.

The facility's current Title V permit limited the operation of the Main Generator (Emission Source 00001) to 2,200 hours; RACT for this emission source is 2.3 gm/bhp-hr; and the Main Generator was 6000 bhp. Even though the facility had a RACT variance; for the purposes of calculating ERC's the most stringent applicable/stipulated limits is applied which is 2.3 gm/bhp-hr. Therefore, for the Main Generator, the Emission Reduction Credits are as follow:

$$6000 \text{ bhp} \times 2.3 \text{ gm/bhp-hr} \times 2200 \text{ hrs/yr} \times 1 \text{ lb}/454 \text{ gm} \times 1 \text{ ton}/2000 \text{ lbs} = 33.44 \text{ tons of NOx}$$

Attainment Status

SIMSMETAL EAST LLC-QUEENS PLANT is located in the town of QUEENS in the county of QUEENS.

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
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

* 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:

This is a permit application for an Air Title V Facility (ATV) Permit to create NOx ERCs for the removal of the Main Generator, the 6000 bhp diesel fired engine generator, identified as Emission Source 00001 in Emission Unit 2-00002, and as a result 33.44 tons of NOx emission reduction credits have been created.



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

Permanent removal from service of the Main generator produces certifiable, quantifiable, permanent and enforceable emission reduction credits that could be transferred via NYSDEC registry to other parties requiring offsets in the NYC - Metropolitan Severe Non-Attainment Area for NOx.

The "Main Generator" (a 6000 bhp generator- identified as Emission Source 00001 in Emission Unit 2-0002) was permanently shut down on 10/1/2006, and in accordance with Part 231-10 by permanently shutting this source down, 33.44 tons of NOx "Emission Reduction Credits" have been created.

The facility's current Title V permit limited the operation of the Main Generator (Emission Source 00001) to 2,200 hours; RACT for this emission source is 2.3 gm/bhp-hr; and the Main Generator was 6000 bhp. Even though the facility had a RACT variance; for the purposes of calculating ERC's, the most stringent applicable/stipulated limits is applied which is 2.3 gm/bhp-hr. Therefore, for the Main Generator, the Emission Reduction Credits are as follow:

$$6000 \text{ bhp} \times 2.3 \text{ gm/bhp-hr} \times 2200 \text{ hrs/yr} \times 1 \text{ lb/454 gm} \times 1 \text{ ton/2000 lbs} = 33.44 \text{ tons of NOx}$$

SimsMetal East LLC-Queens Plant (formerly known as Hugo Neu East-Queens Yard and also as Sims Hugo Neu East-Queens Yard) is a scrap metal processing and recycling facility with all electricity generated on-site using two (2) lean burn diesel internal combustion engine-generator sets. These two units are fueled by #2 diesel fuel oil and can be controlled individually, depending on power needs. The two units are identified as:

1. Cummins Generator #1 - 300 KW diesel (Emission Source 0005B in Emission Unit 2-00002), with its corresponding stack, Emission Point 0005B. The facility is limiting the combined hours of operation for the two identical Cummins Generators (Cummins #1 & Cummins #2) to a maximum of 8,760 hours/year. The average fuel consumption for Cummins #1 is 11.4 gallons/hour, and that for Cummins #2 is also 11.4 gallons/hour. The annual fuel consumption for the combined Cummins #1 & Cummins #2 generators is 99,864 gallons. Cummins #1 & Cummins #2 Generators (Emission Source 00001 in Emission Unit 2-00002) are used as the primary source of electric power generation based on facility demand.

The Maximum rated Output from each of Cummins #1 & Cummins #2 Generators (Emission sources 0005B & 0005C; respectively in Emission Unit 2-00002) is 402 bhp, therefore the combined NOx emissions are calculated as:

$$402 \text{ bhp} \times 8,760 \text{ hrs/yr} \times 6.0 \text{ gm/bhp-hr} \times 1 \text{ lb/454 gm} \times 1 \text{ ton/2,000 lbs} = 23.27 \text{ tons/yr of NOx emissions}$$

Annual Fuel Consumption of #2 fuel oil for the combined Cummins #1 & Cummins #2:

$$8,760 \text{ hours/year} \times 11.4 \text{ gallons/hour} = 99,864 \text{ gallons/year}$$

2. Cummins Generator #2 - 300 KW diesel (Emission Source 0005C in Emission Unit 2-00002), with its corresponding stack, Emission Point 0005C. The facility is limiting the combined hours of operation for the two identical Cummins Generators (Cummins #1 & Cummins #2) to a maximum of 8,760 hours/year. The average fuel consumption for Cummins #1 is 11.4 gallons/hour, and that for Cummins #2 is also 11.4 gallons/hour. The annual fuel consumption for the combined Cummins #1 & Cummins #2 generators is 99,864 gallons. Cummins #1 & Cummins #2 Generators (Emission Source 00001 in Emission Unit 2-00002) are used as the primary source of electric power generation based on facility demand.

The Maximum rated Output from each of the Cummins #1 & Cummins #2 Generators (Emission sources 0005B & 0005C; respectively in Emission Unit 2-00002) is 402 bhp, therefore the combined NOx



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

emissions are calculated as:

$402 \text{ bhp} \times 8,760 \text{ hrs/yr} \times 6.0 \text{ gm/bhp-hr} \times 1 \text{ lb/454 gm} \times 1 \text{ ton/2,000 lbs} = 23.27 \text{ tons/yr of NOx emissions}$

Annual Fuel Consumption of #2 fuel oil for the Combined Cummins #1 & Cummins #2:

$8,760 \text{ hours/year} \times 11.4 \text{ gallons/hour} = 99,864 \text{ gallons/year}$

3. Two identical 1,000 KW each Cummins Plastics Recycling #1 & #2 Diesel Generators (Emission Sources 0005D & 0005E in Emission Unit 2-00002) for the Plastics Recycling operations at the facility. The combined hours of operation for these two Plastics Recycling generators is limited to 8,760/year. The clean burning technology provided by this equipment enables up to 8,760 hours of operation/year while limiting NOx RPTE (Restricted Potential to Emit) to approximately 51.02 tons/year. This is according to the manufacturer's technical specification information and calculations of potential to emit and restricted potential to emit. The Maximum Rated Output from each of the Plastics Recycling Generators is 1,322 bhp, and it is expected to emit 4.0 gm/bhp-hr of NOx emissions. The combined hours of operation for the two new identical Cummins Plastics Recycling #1 & #2 (Emission Sources 0005D & 0005E) is up to 8,760 hours/year based on facility demand. The average fuel consumption is 47.9 gallons/hour. The annual fuel consumption is up to 419,604 gallons of diesel fuel.

The Maximum Rated Output from the two combined Plastics Recycling Generators (Emission Sources 0005D & 0005E in Emission Unit 2-00002) is 1,322 bhp, therefore the combined NOx emissions are calculated as:

$1,322 \text{ bhp} \times 4.0 \text{ gm/bhp-hr} \times 8,760 \text{ hrs/yr} \times 1 \text{ lb/454 gm} \times 1 \text{ ton/2000 lbs} = 51.02 \text{ tpy of NOx emissions}$

Annual Fuel Consumption of #2 fuel oil for the two combined Plastics Recycling Generators:

$8,760 \text{ hours/year} \times 47.9 \text{ gallons/hour} = 419,604 \text{ gallons/year}$

Total fuel consumption of #2 fuel oil from the four generators = $99,864 + 419,604 = 519,468$ gallons/year

Total maximum NOx emissions from the four generators = Combined Cummins #1 & #2 + Combined Plastics Recycling = $23.27 + 51.02 = 74.29$ tpy of NOx emissions

All four engines are fired with #2 fuel oil and the total annual fuel usage is approximately 419,604 gallons. All four units are installed in the Generator Building and each of the units has a separate stack and operates at separate times, depending on the requirements for electricity. The #2 fuel oil used by each engine generator and the hours of operation are recorded and maintained on site.

The Title V Permit contains a complete listing of the applicable Federal, State and compliance monitoring requirements for the facility, its emission units and emission points.

The facility is required to comply with 6 NYCRR 225-1.2(a)(2), the sulfur in fuel limit of 0.20 % by weight, 6 NYCRR 227-1.3(a), the smoke emission limitations of 20 % opacity limit, 6 NYCRR 227-2, the Reasonably Available Control Technology (RACT) for NOx and 6 NYCRR 2277-2.4(f)(2)(ii), with the 6.0 gm/bhp-hr NOx emission limitation variance for lean engines firing diesel fuel for the Cummins #1 & Cummins #2 Generators, and with the 4.0 gm/bhp-hr NOx emission limitation variance for lean engines firing diesel fuel for the two identical Cummins Plastics Recycling Generators. The facility is required to



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

comply with 6 NYCRR 227-2.6(a)(7), testing, monitoring and reporting for internal combustion engines and 6 NYCRR 227-2.6(c), stack test requirements by conducting a stack test on each of the four diesel generators (300 KW Cummins #1, 300 KW Cummins #2 Generator, and the two new identical 1,000 KW each Cummins Plastic Recycling Generators) once during the term of this permit. The facility can be exempt from stack testing of the two identical 1,000 KW each Cummins Plastic Recycling Generators (Emission Sources 0005D & 0005E) if they meet EPA Tier II (40 CFR 89) emission requirements as recently proposed in the New Source Performance Standards published by USEPA.

The facility operates other sources which are considered exempt from permitting in accordance with 6 NYCRR 201-3.2(c)(21), including one fuel oil storage tank with storage capacities <300,000 bbls in the main fuel tank.

Permit Structure and Description of Operations

The Title V permit for SIMSMETAL EAST LLC-QUEENS PLANT

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 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.

SIMSMETAL EAST LLC-QUEENS PLANT is defined by the following emission unit(s):

Emission unit 200002 - Emission Unit 2-00002 is for the generation of electricity via # 2 fuel oil fired engine generator sets for facility operation. Process 002 consists of # 2 diesel fuel fired in the four engine-generator sets in Emission Unit 2-00002. This emission unit consists of the following four engine-generators:

1. The first Cummins Generator # 1 - maximum rated output of 402 bhp (300 KW) diesel as a backup is defined as Emission Source 0005B with corresponding Emission Point 0005B. The combined Cummins # 1 & the Cummins # 2 Generators (Emission Sources 0005B & 0005C; respectively) are limited to a combined 8,760 hours of operation per year.

2. The second Cummins Generator # 2 - maximum rated output of 402 bhp (300 KW) diesel as backup is defined as Emission Source 0005C with corresponding Emission Point



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

0005C. The combined Cummins # 1 & the Cummins # 2 Generators are limited to a combined 8,760 hours of operation per year.

4. The two identical Cummins Plastics Recycle Generators - maximum rated output of 1,322 bhp (1000 KW) each diesel as primary for Plastics Recycling (Emission Sources 0005D & 0005E) with corresponding Emission Points 0005D & 0005E; respectively. The two Plastics Recycle Generators are to operate up to 8,760 hours of combined operation per year.

Emission unit 200002 is associated with the following emission points (EP):
00001, 0005B, 0005C, 0005D, 0005E

Process: 002 is located at Building GENERATOR - Process 002 consists of the firing of # 2 diesel fuel in four (4) engine generators, the two identical 300 KW each diesel Cummins Generators (Cummins # 1 & Cummins # 2), identified as Emission Sources 0005B & 0005C; respectively, and the two new identical 1000 KW each (1,322 bhp maximum rated output each) Cummins Plastics Recycle Generators (Emission Sources 0005D & 0005E) in Emission Unit 2-00002. The flue gas from each engine generator exhaust through its own stack, identified as Emission Points 0005B, 0005C, 0005D and 0005E; respectively. The Cummins # 1 & Cummins # 2 engine generator operates at separate times, depending on the requirement for on-site electricity. The two identical Cummins Plastics Recycle generators (Emission Sources 0005D & 0005E) operate up to 8,760 hours of combined operation/year while limiting the NOx emissions to a maximum of 51.02 tons/year.

The facility's total fuel consumption of # 2 fuel oil for the four generators is limited to 519,468 gallons/year. The two Cummins Generators # 1 - maximum rated output at 402 bhp (300 KW diesel) at Emission Point 0005B, and the Cummins Generator # 2 - maximum rated output at 402 bhp (300 KW diesel) at Emission Point 0005C are together limited to a combined hours of operation of up to 8,760 hours/year and their average fuel consumption is 11.4 gallons/hour and their annual fuel consumption is limited to 99,864 gallons. The two identical Cummins Plastics Recycle Generators (Emission Sources 0005D & 0005E) maximum rated output at 1,322 bhp (750 KW) diesel at Emission Point 0005D are to operate up to combined 8,760 hours per year, their average fuel consumption is 47.9 gallons per hour and their annual fuel consumption is limited to 419,604 gallons.

Cummins # 1 & # 2 Generators: 8,760 hrs x 11.4 gal/hr = 99,864 gal/yr

Cummins Plastics Generator # 1 & # 2 = 8,760 hrs x 47.9 gal/hr = 419,604 gal/yr

The total annual fuel consumption of # 2 oil = 99,864 + 419,604 = 519,468 gal/yr



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

The Maximum rated Output from each of Cummins #1 & Cummins #2 Generators (Emission sources 0005B & 0005C; respectively in Emission Unit 2-00002) is 402 bhp, therefore the combined NOx emissions are calculated as:

$402 \text{ bhp} \times 8,760 \text{ hrs/yr} \times 6.0 \text{ gm/bhp-hr} \times 1 \text{ lb}/454 \text{ gm} \times 1 \text{ ton}/2,000 \text{ lbs} = 23.27 \text{ tons/yr}$ of NOx emissions

The Maximum Rated Output from the two combined Plastics Recycling Generators (Emission Sources 0005D & 0005E in Emission Unit 2-00002) is 1,322 bhp, therefore the combined NOx emissions are calculated as:

$1,322 \text{ bhp} \times 4.0 \text{ gm/bhp-hr} \times 8,760 \text{ hrs/yr} \times 1 \text{ lb}/454 \text{ gm} \times 1 \text{ ton}/2000 \text{ lbs} = 51.02$ tpy of NOx emissions

emis_process_desc

Title V/Major Source Status

SIMSMETAL EAST LLC-QUEENS PLANT is subject to Title V requirements. This determination is based on the following information:

SimsMetal east LLC - LLC Queens Plant Sims Hugo Neu Global Trade LLC (formerly named Sims Hugo Neu Global Trade LLC and also Hugo Schnitzer East-Queens Yard) is a major facility because the potential emissions of nitrogen oxides is greater than the major source thresholds (25 tons per year).

Program Applicability

The following chart summarizes the applicability of SIMSMETAL EAST LLC-QUEENS PLANT with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
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
TITLE VI	NO
RACT	YES
SIP	YES



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

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 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.



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

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

5093

SCRAP AND WASTE MATERIALS

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

2-03-001-01

INTERNAL COMBUSTION ENGINES -
COMMERCIAL/ INSTITUTIONAL
COMMERCIAL/INSTITUTIONAL IC ENGINE -
DISTILLATE OIL (DIESEL)
Reciprocating

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.

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

Cas No.	Contaminant Name	PTE	Range
		lbs/yr	
000630-08-0	CARBON MONOXIDE	38579	
0NY210-00-0	OXIDES OF NITROGEN	148573	
0NY075-00-0	PARTICULATES	10063	
0NY075-00-5	PM-10	10063	
007446-09-5	SULFUR DIOXIDE	9535	
0NY998-00-0	VOC	9856	

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;
- (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



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

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 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



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

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 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.

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

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 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
-- FACILITY	ECL 19-0301	129	Powers and Duties of the Department with respect to air pollution control
2- 00002/0005D/002/0005D	40CFR 60-A.12	81	General provisions - Circumvention
2- 00002/0005E/002/0005E	40CFR 60-A.12	110	General provisions - Circumvention
2- 00002/0005D/002/0005D	40CFR 60-A.13	82	General provisions - Monitoring requirements
2- 00002/0005E/002/0005E	40CFR 60-A.13	111	General provisions - Monitoring requirements
2- 00002/0005D/002/0005D	40CFR 60-A.14	83	General provisions - Modification
2- 00002/0005E/002/0005E	40CFR 60-A.14	112	General provisions - Modification
2- 00002/0005D/002/0005D	40CFR 60-A.15	84	General provisions - Reconstruction
2- 00002/0005E/002/0005E	40CFR 60-A.15	113	General provisions - Reconstruction



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

2- 00002/0005D/002/0005D	40CFR 60-A.4	79	General provisions - Address
2- 00002/0005E/002/0005E	40CFR 60-A.4	108	General provisions - Address
2- 00002/0005D/002/0005D	40CFR 60-A.9	80	General provisions - Availability of information
2- 00002/0005E/002/0005E	40CFR 60-A.9	109	General provisions - Availability of information
2- 00002/0005D/002/0005D	40CFR 60-III.4200	85, 86	Standards of Performance for Stationary Compression Ignition IC Engines
2- 00002/0005E/002/0005E	40CFR 60-III.4200	114, 115	Standards of Performance for Stationary Compression Ignition IC Engines
2- 00002/0005D/002/0005D	40CFR 60-III.4204(b)	87, 88	Emission standards - 2007 or later Non- emergency Stationary CI-IC Engines Displacing <30 liters/cylinder
2- 00002/0005E/002/0005E	40CFR 60-III.4204(b)	116, 117	Emission standards - 2007 or later Non- emergency Stationary CI-IC Engines Displacing <30 liters/cylinder
FACILITY	40CFR 60-III.4206	39	Stationary Compression Ignition IC Engines - Duration of Emission Standards
2- 00002/0005D/002/0005D	40CFR 60-III.4207	89	Stationary Compression Ignition IC Engines - Fuel Requirements
2- 00002/0005E/002/0005E	40CFR 60-III.4207	118	Stationary Compression Ignition IC Engines - Fuel Requirements
2- 00002/0005D/002/0005D	40CFR 60-III.4207(a)	90, 91, 92	Stationary Compression Ignition IC Engine - Fuel requirements beginning October 1, 2007
2- 00002/0005E/002/0005E	40CFR 60-III.4207(a)	119, 120, 121	Stationary Compression Ignition IC Engine - Fuel requirements beginning October 1, 2007
2- 00002/0005D/002/0005D	40CFR 60-III.4207(b)	93, 94, 95	Stationary Compression Ignition IC Engines - Fuel Requirements beginning October 1, 2010
2- 00002/0005E/002/0005E	40CFR 60-III.4207(b)	122, 123, 124	Stationary Compression Ignition



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

			IC Engines - Fuel Requirements beginning October 1, 2010
2-00002/0005D/002/0005D	40CFR 60-IIII.4207 (c)	96	Variance for non-compliant fuel - Pre-2011 Model Year Stationary CI-IC engines
2-00002/0005E/002/0005E	40CFR 60-IIII.4207 (c)	125	Variance for non-compliant fuel - Pre-2011 Model Year Stationary CI-IC engines
FACILITY	40CFR 60-IIII.4208	40	Stationary Compression Ignition IC Engines - Deadlines for installing or importing engines produced in previous model year
2-00002/0005D/002/0005D	40CFR 60-IIII.4209 (b)	97	Monitoring requirement - Non-emergency stationary CI-IC engine
2-00002/0005E/002/0005E	40CFR 60-IIII.4209 (b)	126	Monitoring requirement - Non-emergency stationary CI-IC engine
2-00002/0005D/002/0005D	40CFR 60-IIII.4211 (d) (2)	98	Stationary Compression Ignition IC Engines - operating parameter monitoring
2-00002/0005E/002/0005E	40CFR 60-IIII.4211 (d) (2)	127	Stationary Compression Ignition IC Engines - operating parameter monitoring
2-00002/0005D/002/0005D	40CFR 60-IIII.4212	99	Stationary Compression Ignition IC Engines displacing < 30 L/cylinder - performance test methods and procedures
2-00002/0005E/002/0005E	40CFR 60-IIII.4212	128	Stationary Compression Ignition IC Engines displacing < 30 L/cylinder - performance test methods and procedures
FACILITY	40CFR 68	21	Chemical accident prevention provisions
FACILITY	40CFR 82-F	22	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.3	23	False Statement.
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	Maintenance of



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

FACILITY	6NYCRR 201-1.4	2 -2	equipment. 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	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3 (a)	14	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-5	2 -3	State Facility Permit General Provisions
2-00002	6NYCRR 201-5	2 -5, 2 -6	State Facility Permit General Provisions
FACILITY	6NYCRR 201-6	24, 41, 42	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5 (a) (4)	15	General conditions
FACILITY	6NYCRR 201-6.5 (a) (7)	2	General conditions
FACILITY	6NYCRR 201-6.5 (a) (8)	16	Fees
FACILITY	6NYCRR 201-6.5 (c)	3	General conditions
			Permit conditions for Recordkeeping and Reporting of
FACILITY	6NYCRR 201-6.5 (c) (2)	4	Compliance Monitoring Permit conditions for Recordkeeping and Reporting of
FACILITY	6NYCRR 201- 6.5 (c) (3) (ii)	5	Compliance Monitoring Permit conditions for Recordkeeping and Reporting of
FACILITY	6NYCRR 201-6.5 (d) (5)	17	Compliance Monitoring
FACILITY	6NYCRR 201-6.5 (e)	6	Compliance schedules
FACILITY	6NYCRR 201-6.5 (f) (6)	18	Certification
FACILITY	6NYCRR 201-6.5 (g)	25	Off Permit Changes
FACILITY	6NYCRR 201-7.2	26, 27, 28, 29, 30, 31, 32	Permit shield
			Emissions capping using synthetic minor permits
FACILITY	6NYCRR 202-1.1	19	Required emissions tests.
FACILITY	6NYCRR 202-2.1	7	Emission Statements - Applicability
FACILITY	6NYCRR 202-2.5	8	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.2	2 -4	General Prohibitions - air pollution prohibited.
FACILITY	6NYCRR 211.3	20	General Prohibitions - visible emissions limited
FACILITY	6NYCRR 212.10 (a) (1)	33	NOx and VOC RACT required at major facilities
FACILITY	6NYCRR 215	9	Open Fires
FACILITY	6NYCRR 225.1 (a) (3)	34	Sulfur in Fuel Limitations (SIP)



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

2- 00002/0005B/002/0005B	6NYCRR 227.2 (b) (1)	62	Particulate emissions.
2- 00002/0005C/002/0005C	6NYCRR 227.2 (b) (1)	70	Particulate emissions.
2- 00002/0005D/002/0005D	6NYCRR 227.2 (b) (1)	78	Particulate emissions.
2- 00002/0005E/002/0005E	6NYCRR 227.2 (b) (1)	107	Particulate emissions.
2- 00002/0005B/002/0005B	6NYCRR 227-1.3 (a)	55	Smoke Emission Limitations.
2- 00002/0005C/002/0005C	6NYCRR 227-1.3 (a)	63	Smoke Emission Limitations.
2- 00002/0005D/002/0005D	6NYCRR 227-1.3 (a)	71	Smoke Emission Limitations.
2- 00002/0005E/002/0005E	6NYCRR 227-1.3 (a)	100	Smoke Emission Limitations.
FACILITY	6NYCRR 227-2	28, 30, 31, 35, 36	Reasonably available control technology for NOx
2- 00002/0005B/002/0005B	6NYCRR 227-2.4 (f) (2)	56	Emission limits for lean burn engines.
2- 00002/0005C/002/0005C	6NYCRR 227-2.4 (f) (2)	64	Emission limits for lean burn engines.
2- 00002/0005D/002/0005D	6NYCRR 227-2.4 (f) (2)	72	Emission limits for lean burn engines.
2- 00002/0005E/002/0005E	6NYCRR 227-2.4 (f) (2)	101	Emission limits for lean burn engines.
2- 00002/0005B/002/0005B	6NYCRR 227-2.4 (f) (2) (ii)	57	Emission limitation for NOx for lean burn internal combustion engines with compression ignition sources
2- 00002/0005C/002/0005C	6NYCRR 227-2.4 (f) (2) (ii)	65	Emission limitation for NOx for lean burn internal combustion engines with compression ignition sources
2- 00002/0005D/002/0005D	6NYCRR 227-2.4 (f) (2) (ii)	73	Emission limitation for NOx for lean burn internal combustion engines with compression ignition sources
2- 00002/0005E/002/0005E	6NYCRR 227-2.4 (f) (2) (ii)	102	Emission limitation for NOx for lean burn internal combustion engines with compression ignition sources
2- 00002/0005B/002/0005B	6NYCRR 227-2.5 (c)	58	Alterative emission limits
2- 00002/0005C/002/0005C	6NYCRR 227-2.5 (c)	66	Alterative emission limits
2- 00002/0005D/002/0005D	6NYCRR 227-2.5 (c)	74	Alterative emission limits
2- 00002/0005E/002/0005E	6NYCRR 227-2.5 (c)	103	Alterative emission limits
2- 00002/0005B/002/0005B	6NYCRR 227-2.6	59	Testing, monitoring, and reporting requirements
2- 00002/0005C/002/0005C	6NYCRR 227-2.6	67	Testing, monitoring, and reporting



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

2- 00002/0005D/002/0005D	6NYCRR 227-2.6	75	requirements Testing, monitoring, and reporting
2- 00002/0005E/002/0005E	6NYCRR 227-2.6	104	requirements Testing, monitoring, and reporting
2- 00002/0005B/002/0005B	6NYCRR 227-2.6 (a) (2)	60	requirements Optional CEMS testing, monitoring, and reporting
2- 00002/0005C/002/0005C	6NYCRR 227-2.6 (a) (2)	68	requirements for non very large boilers and smaller combined cycle turbines. Optional CEMS testing, monitoring, and reporting
2- 00002/0005D/002/0005D	6NYCRR 227-2.6 (a) (2)	76	requirements for non very large boilers and smaller combined cycle turbines. Optional CEMS testing, monitoring, and reporting
2- 00002/0005E/002/0005E	6NYCRR 227-2.6 (a) (2)	105	requirements for non very large boilers and smaller combined cycle turbines. Optional CEMS testing, monitoring, and reporting
FACILITY	6NYCRR 227-2.6 (a) (7)	37, 38	requirements for non very large boilers and smaller combined cycle turbines. Testing, monitoring and reporting for internal combustion engines.
2- 00002/0005B/002/0005B	6NYCRR 227-2.6 (c)	61	Stack Test Requirements.
2- 00002/0005C/002/0005C	6NYCRR 227-2.6 (c)	69	Stack Test Requirements.
2- 00002/0005D/002/0005D	6NYCRR 227-2.6 (c)	77	Stack Test Requirements.
2- 00002/0005E/002/0005E	6NYCRR 227-2.6 (c)	106	Stack Test Requirements.
2- 00002/00001/002/00001	6NYCRR 231-10	2 -1	Emission Reduction Credits (ERCs)
FACILITY	6NYCRR 231-2	27, 29, 32	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



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

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

6 NYCRR 200.7

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 201-5

This regulation applies to those permit terms and conditions which are not federally enforceable. It specifies the applicability criteria for state facility permits, the information to be included in all state facility permit applications as well as the permit content, terms of permit issuance, and sets guidelines for modifying state facility permits and allowing for operational flexibility. For permitting purposes, this rule specifies the need to list all emission units except those that are exempt or trivial pursuant to Subpart 201-3 in the permit application and provide a description of the emission unit's processes and products. Finally, this rule also provides the Department the authority to include this and any other information that it deems necessary to identify applicable Federal standards, recordkeeping and reporting requirements, and establish terms and conditions that will ensure compliance with the national ambient air quality standards.

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



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

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 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



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

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 201-6.5 (g)

Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the federally enforceable portion of the permit, unless they are specifically addressed by it.

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.

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.

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



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

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, SIMSMETAL EAST LLC-QUEENS PLANT has been determined to be subject to the following regulations:

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 60.4

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 60.4200

This regulation is the Standards of Performance Compression Ignition IC Engines and it lists its applicability for equipment operation that began on or after April 1, 2006 and less than or equal to 3,000 horsepower (electric).

40 CFR 60.4204 (b)

This regulation requires owners and/or operators of 2007 model year or later non-emergency stationary compression ignition internal combustion engines displacing less than 30 liters per cylinder to purchase engines that meet the emission standards referenced in 40 CFR 60.4201 and maintain those engines according to manufacturer's specifications.

40 CFR 60.4206

This requirement mandates that owners or operators of stationary compression ignition IC engines that achieve the emission standards as required in 40 CFR 60.4204 and 4205 maintain the engines according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine.

40 CFR 60.4207

Beginning October 1, 2007, owners and operators of stationary compression ignition internal combustion engines must use diesel fuel that meets the requirements of 40 CFR 80.510(a).



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

40 CFR 60.4207 (a)

Beginning October 1, 2007, owners and operators of stationary CI ICE subject to this subpart that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 80.510(a).

40 CFR 60.4207 (b)

Beginning October 1, 2010, owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel.

40 CFR 60.4207 (c)

This requirement applies to owners and/or operators of pre-2011 model year stationary compression ignition internal combustion engines who wish to use fuel which does not comply with the fuel requirements in 60.4207(a) or 60.4207(b). It allows the owner and/or operator of an applicable engine to petition the Administrator for approval to use remaining non-compliant fuel for the purpose of using up existing fuel inventories. If approved, any variances can be valid for a period of up to six months.

40 CFR 60.4208

This requirement establishes deadlines dates beyond which owners and/or operators of affected stationary compression ignition IC engines are prohibited from importing or installing engines manufactured in a previous model year.

40 CFR 60.4209 (b)

The owner and/or operator of a stationary compression ignition internal combustion engine subject to this subpart which is equipped with a diesel particulate filter must install a back pressure monitor to notify the owner and/or operator when the back pressure limit of the engine is approached.

40 CFR 60.4211 (d) (2)

This citation prescribes the emission standards and demonstration compliance requirements for stationary compression ignition internal combustion engines for owners and operators.

40 CFR 60.4212

This citation prescribes the performance test methods and procedures requirements for stationary compression ignition internal combustion engines displacing less than 30 liters/cylinder for owners and operators.

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 200.3

No person shall make a false statement in connection with applications, plans, specifications and/or reports submitted pursuant to this Subchapter.

6 NYCRR 201-7.2

This section of Part 201-7 specifies the criteria that need to be met in order to restrict emissions to avoid Title V or other applicable requirements using federally enforceable permit conditions permit.

6 NYCRR 212.10 (a) (1)

This regulation requires owners and operators of facilities, located in lower Orange County and the New York City metropolitan areas, that have emissions of volatile organic compounds or oxides of nitrogen in



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

excess of 25 tons per year, to comply with the Reasonably Available Control Technology requirements of 6 NYCRR Part 212.10.

6 NYCRR 225.1 (a) (3)

This regulation limits the amount of sulfur that can be in fuel burned at a stationary source. It references Table 1 of the 1979 version of the sulfur in fuel limitations expressed in terms of percent by weight for fuel oil and pounds per million Btu gross heat content for solid fuel. **NOTE: This citation has been replaced by requirements cited under 225-1.2(a)(2) and is no longer part of current State regulations, however, it remains part of New York State's approved State Implementation Plan (SIP).**

6 NYCRR 227.2 (b) (1)

This regulation is from the 1972 version of Part 227 and still remains as part of New York's SIP. The rule establishes a particulate limit of 0.10 lbs/mmBtu based on a 2 hour average emission for any oil fired stationary combustion installation.

6 NYCRR 227-1.3 (a)

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

6 NYCRR 227-2.4 (f) (2)

This citation sets emission limits of oxides of nitrogen for lean burn engines.

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

This regulation sets the NOx emission limit for lean burn engines that provide electrical generation for peak shaving. The limit, which applies to engines listed at 225 horsepower for those in the severe ozone non-attainment area and 400 horsepower for the rest of the state, is 2.3 grams of NOx per brake horsepower-hour, effective April 1, 2005.

6 NYCRR 227-2.5 (c)

For sources for which the owner or operator demonstrates that the applicable presumptive RACT emission limit in section 227-2.4 of this Subpart is not economically or technically feasible, the owner or operator can request the Department to set a higher source specific emission limit. Economic or technical feasibility must include, but is not limited to, the evaluation of fuel switching, selective catalytic reduction or system averaging as compliance options. This alternative RACT emission limit must be approved by the Department and by the Administrator as a revision to the State Implementation Plan.

6 NYCRR 227-2.6

This regulation establishes the compliance testing, monitoring, and reporting requirements for NOx RACT affected stationary combustion installations.

6 NYCRR 227-2.6 (a) (2)

This citation is for CEMs monitoring for those facilities which opt to use CEMs. The owner/operator shall measure NOx emissions with a continuous emissions monitoring system (CEMS) as described in 6 NYCRR 227-2.6(b). This citation is also for optional CEMS testing, monitoring and reporting requirements for non very large boilers and smaller combined cycle turbines.

6 NYCRR 227-2.6 (a) (7)

This citation is for testing, monitoring and reporting for internal combustion engines. The



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

owner/operator of this internal combustion engine shall perform an initial compliance stack test as described in 6 NYCRR 227-2.6(c). If the internal combustion engine qualifies for the control exemption listed in 6 NYCRR 227-2.4(f)(3), do not need to perform the stack test. A test protocol shall be submitted for approval at least 60 days prior to testing. Testing procedures shall be those set for in 40 CFR 60 Appendix A, or any other methods acceptable to the Department and the USEPA for determining compliance with the appropriate NOx limit set forth in section 227-2.4. Testing procedures shall also comply with subpart 202-1.

6 NYCRR 227-2.6 (c)

This citation is for stack test requirements. The owner or operator of the facility is required to test for NOx emission and follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

- (1) Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
- (2) Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
 - (i) For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.
 - (ii) For simple cycle combustion turbines, utilize Method 20 from 40 CFR Part 60, Appendix A or another reference method approved by the department.
 - (iii) For combined cycle combustion turbines, utilize Method 7, 7E, 19 or 20 from 40 CFR Part 60, Appendix A or another reference method approved by the department.
 - (iv) For internal combustion engines, utilize Method 7, 7E or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

6 NYCRR Subpart 227-2

This regulation limits the emission of oxides of nitrogen (NOx) from stationary combustion installations (boilers, combustion turbines and internal combustion engines).

6 NYCRR Subpart 231-10

This subpart outlines the procedures used to create and use emission reduction credits (ERCs).

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



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

County.

Non Applicability Analysis

List of non-applicable rules and regulations:

Location Facility/EU/EP/Process/ES	Regulation	Short Description
FACILITY	6 NYCRR Subpart 231-2	New Source Review in Nonattainment Areas and Ozone Transport Region

Reason: MINOR PERMIT MODIFICATION: A minor permit modification is defined in 6 NYCRR 201-6.7(c) as one that does not result in a net emissions increase. A net emissions increase is the project emission potential and every credible emission increase. The project emission potential is the difference between prior actual annual emissions or prior allowable annual emissions, whichever is less, and the subsequent maximum annual potential of each such emission unit. A credible emission increase is any increase from a physical change in, or a change in the method of operation and is qualified as the difference between prior actual annual emissions, or prior allowable annual emissions, whichever is less and the subsequent maximum annual potential.

The following is the present NOx RACT emissions (9 gm/bhp-hr), the proposed NOx RACT emissions (6 gm/bhp-hr) and the NOx emissions reduction for the minor modifications to the permit renewal.

NOx Emissions in tons per year

Equipment	9 gm/bhp-hr	6 gm/bhp-hr	Reduction
Main Generator	181.39	87.23	94.16
Cummins #1	17.93	11.63	6.30
Cummins #2	14.94	11.63	3.31
Total		214.26	110.49 103.77

The two Plastics Recycling Addition: NOx Emissions in tons/year

Equipment	4 gm/bhp-hr
Two Plastics Recycling 1,000 each	51.02

Overall Impact on NOx Emissions in tons per year:



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

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

Reductions from Impact of RACT - 103.77
 Increase for two Plastics Recycling 51.02
 Net Change - 52.74

Modified (proposed) Hours of Operation for Main and Cummins #1 & #2 Generators at 9.gm/bhp-hr and at 6 gm/bhp-hr:

	9 gm/bhp-hr	6 gm/bhp-hr
Main Generator at 2,200 hrs/yr	2.93	1.67
@t 2,200 from 3,050 hrs/yr		
Combined Cummins # 1 & # 2 at	2.03	1.35
@t 8,760 from 8,250 hrs/yr		
Net Change	- 0.90	- 0.32

Proposed (Modified) Total maximum NOx emissions from the four generators = Main + Combined Cummins #1 & #2 + Combined Plastic Recycling #1 & #2 =

87.23 + 23.27 + 51.02 = 161.52 tpy of NOx emissions

Present (Current) Total maximum NOx emissions from the three generators = Main + Cummins #1 + Cummins #2 = 181.39 + 17.93 + 14.94 = 214.26 tpy of NOx

Net NOx emission decrease = 161.52 - 214.26 = - 52.74 tpy of NOx

This is a decrease (not an increase) of almost 52.74 tons/yr of NOx emissions and there would be no net emissions increase and the modification qualifies as a "minor modification". Therefore, the proposed modification at SimsMetal East LLC-Queens Plant (formerly known as Hugo Neu East-Queens Yard and as Sims Hugo Neu East-Queens Yard) meets the criteria for use of a minor permit modification as defined in 6 NYCRR 201-6.7(c) and its procedure in accordance with 6 NYCRR 201-6.7(c)(3). In addition, New Source Review, 6 NYCRR 231-2 is not applicable to this facility as a result of this minor modification.

NOTE: Non-applicability determinations are cited as a permit condition under 6 NYCRR Part 201-6.5(g). This information is optional and provided only if the applicant is seeking to obtain formal confirmation, within an issued Title V permit, that specified activities are not subject to the listed federal applicable or state only requirement. The applicant is seeking to obtain verification that a requirement does not apply for the stated reason(s) and the Department has agreed to include the non-applicability determination in the issued Title V permit which in turn provides a shield against any potential enforcement action.

Compliance Certification

New York State Department of Environmental Conservation
Permit Review Report



Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

Summary of monitoring activities at SIMSMETAL EAST LLC-QUEENS PLANT:

Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring

2-00002/0005D/002/0005D	85	intermittent emission testing
2-00002/0005D/002/0005D	86	intermittent emission testing
2-00002/0005E/002/0005E	114	intermittent emission testing
2-00002/0005E/002/0005E	115	intermittent emission testing
2-00002/0005D/002/0005D	87	record keeping/maintenance procedures
2-00002/0005D/002/0005D	88	record keeping/maintenance procedures
2-00002/0005E/002/0005E	116	record keeping/maintenance procedures
2-00002/0005E/002/0005E	117	record keeping/maintenance procedures
2-00002/0005D/002/0005D	89	monitoring of process or control device parameters as surrogate
2-00002/0005E/002/0005E	118	monitoring of process or control device parameters as surrogate
2-00002/0005D/002/0005D	90	work practice involving specific operations
2-00002/0005D/002/0005D	91	work practice involving specific operations
2-00002/0005D/002/0005D	92	work practice involving specific operations
2-00002/0005E/002/0005E	119	work practice involving specific operations
2-00002/0005E/002/0005E	120	work practice involving specific operations
2-00002/0005E/002/0005E	121	work practice involving specific operations
2-00002/0005D/002/0005D	93	work practice involving specific operations
2-00002/0005D/002/0005D	94	work practice involving specific operations
2-00002/0005D/002/0005D	95	work practice involving specific operations
2-00002/0005E/002/0005E	122	work practice involving specific operations
2-00002/0005E/002/0005E	123	work practice involving specific operations
2-00002/0005E/002/0005E	124	work practice involving specific operations
2-00002/0005D/002/0005D	96	record keeping/maintenance procedures
2-00002/0005E/002/0005E	125	record keeping/maintenance procedures
2-00002/0005D/002/0005D	97	record keeping/maintenance procedures
2-00002/0005E/002/0005E	126	record keeping/maintenance procedures
2-00002/0005D/002/0005D	98	record keeping/maintenance procedures
2-00002/0005E/002/0005E	127	record keeping/maintenance procedures
2-00002/0005D/002/0005D	99	record keeping/maintenance procedures
2-00002/0005E/002/0005E	128	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	27	work practice involving specific operations
FACILITY	28	work practice involving specific operations
FACILITY	29	work practice involving specific operations
FACILITY	30	work practice involving specific operations
FACILITY	31	work practice involving specific operations
FACILITY	32	work practice involving specific operations
FACILITY	7	record keeping/maintenance procedures
FACILITY	34	work practice involving specific operations
2-00002/0005B/002/0005B	62	intermittent emission testing
2-00002/0005C/002/0005C	70	intermittent emission testing
2-00002/0005D/002/0005D	78	intermittent emission testing
2-00002/0005E/002/0005E	107	intermittent emission testing
2-00002/0005B/002/0005B	55	monitoring of process or control device parameters as surrogate
2-00002/0005C/002/0005C	63	monitoring of process or control device parameters as surrogate
2-00002/0005D/002/0005D	71	monitoring of process or control device parameters as surrogate
2-00002/0005E/002/0005E	100	monitoring of process or control device parameters as surrogate
FACILITY	35	work practice involving specific operations
FACILITY	36	work practice involving specific operations



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

2-00002/0005B/002/0005B	56	record keeping/maintenance procedures
2-00002/0005C/002/0005C	64	record keeping/maintenance procedures
2-00002/0005D/002/0005D	72	record keeping/maintenance procedures
2-00002/0005E/002/0005E	101	record keeping/maintenance procedures
2-00002/0005B/002/0005B	57	intermittent emission testing
2-00002/0005C/002/0005C	65	intermittent emission testing
2-00002/0005D/002/0005D	73	intermittent emission testing
2-00002/0005E/002/0005E	102	intermittent emission testing
2-00002/0005B/002/0005B	58	monitoring of process or control device parameters as surrogate
2-00002/0005C/002/0005C	66	monitoring of process or control device parameters as surrogate
2-00002/0005D/002/0005D	74	monitoring of process or control device parameters as surrogate
2-00002/0005E/002/0005E	103	monitoring of process or control device parameters as surrogate
2-00002/0005B/002/0005B	59	monitoring of process or control device parameters as surrogate
2-00002/0005C/002/0005C	67	monitoring of process or control device parameters as surrogate
2-00002/0005D/002/0005D	75	monitoring of process or control device parameters as surrogate
2-00002/0005E/002/0005E	104	monitoring of process or control device parameters as surrogate
2-00002/0005B/002/0005B	60	monitoring of process or control device parameters as surrogate
2-00002/0005C/002/0005C	68	monitoring of process or control device parameters as surrogate
2-00002/0005D/002/0005D	76	monitoring of process or control device parameters as surrogate
2-00002/0005E/002/0005E	105	monitoring of process or control device parameters as surrogate
FACILITY	37	monitoring of process or control device parameters as surrogate
FACILITY	38	monitoring of process or control device parameters as surrogate
2-00002/0005B/002/0005B	61	intermittent emission testing
2-00002/0005C/002/0005C	69	intermittent emission testing
2-00002/0005D/002/0005D	77	intermittent emission testing
2-00002/0005E/002/0005E	106	intermittent emission testing

Basis for Monitoring

This facility is subject to the requirements of Title V and has received a Title V general permit for Small Combustion Installation. The facility is required, under the provisions of 6 NYCRR Subpart 201-6, to submit semiannual compliance reports and an annual Compliance Certification. This facility is required to comply with the following monitoring conditions:

Condition # 2-1 for 6 NYCRR 231-10: 33.44 tons of Nox Emission Reduction Credits have been created for the removal of the 9,630 HP Main Generator (Emission Source 00001, Precess 002, Emission Point 00001 in Emission Unit 2-00002).,

The "Main Generator" (a 6000 bhp generator- identified as Emission Source 00001 in Emission Unit 2-0002) has been permanently shut down on 10/1/2006), and in accordance with Part 231-10 by permanently shutting this source down, 33.44 tons of NOx "Emission Reduction Credits" have been created.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

The facility's current Title V permit limited the operation of the Main Generator (Emission Source 00001) to 2,200 hours; RACT for this emission source is 2.3 gm/bhp-hr; and the Main Generator was 6000 bhp. Even though the facility had a RACT variance; for the purposes of calculating ERC's the most stringent applicable/stipulated limits is applied which is 2.3 gm/bhp-hr. Therefore, for the Main Generator, the Emission Reduction Credits are as follow:

$6000 \text{ bhp} \times 2.3 \text{ gm/bhp-hr} \times 2200 \text{ hrs/yr} \times 1 \text{ lb}/454 \text{ gm} \times 1 \text{ ton}/2000 \text{ lbs} = 33.44 \text{ tons of NOx}$

Condition # 26 for 6NYCRR 201-7.2, Capping Out of 6 NYCRR 231-2: The two new identical 1,000 KW Plastics Recycling Generators each (Emission Sources 0005D & 0005E) will be operating up to a combined 8,760 hours per year at 6.0 gm/bhp-hr NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 28 for 6NYCRR 201-7.2, Capping Out of 6 NYCRR 227-2: The two identical Cummins Generators (Emission Sources 0005B & 0005C) combined will be permitted to operate up to a combined 8,760 hours per year at 6.0 gm/bhp-hr NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 29 for 6NYCRR 201-7.2, Capping Out of 6 NYCRR 231-2: The two new identical 1,000 KW Plastics Recycling Generators each (Emission Sources 0005D & 0005E) will be permitted to operate up to a combined 8,760 hours per year at 6.0 gm/bhp-hr NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 30 for 6NYCRR 201-7.2, Capping Out of 6 NYCRR 227-2: The two identical Cummins Generators (Emission Sources 0005B & 0005C) will be permitted to emit up to a combined 23.27 tons per year of NOx based on the combined operating hours of 8,760 hrs/yr at 6.0 gm/bhp-hr NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 31 for 6NYCRR 201-7.2, Capping Out of 6 NYCRR 227-2: The two identical Cummins Generators (Emission Sources 0005B & 0005C) combined will be permitted to consume up to 99,864 gallons per year of #2 fuel oil based on the combined operating hours of 8,760 hrs/yr at 6.0 gm/bhp-hr NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 32 for 6NYCRR 201-7.2, Capping Out of 6 NYCRR 231-2: The two new



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

identical 1,000 KW Plastics Recycling Generators each (Emission Sources 0005D & 0005E) will be permitted to emit up to a combined 51.02 tons per year of NO_x based on the fuel consumption of 419,604 gallons per year of #2 fuel oil and on the combined operating hours of 8,760 hrs/yr at 4.0 gm/bhp-hr NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005 and as per the manufacturer's performance specification of 4.0 grams per brake horsepower-hour.

Condition # 34 for 6 NYCRR 225.1(a)(3): This condition limits the amount of sulfur to 0.20 percent by weight that can be in fuel burned at a stationary source.

Condition # 35 for 6 NYCRR 227-2: The two identical Cummins Generators (Emission Sources 0005B & 0005C) combined will be permitted to operate up to a combined 8,760 hours per year at 6.0 gm/bhp-hr NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 36 for 6 NYCRR 227-2: The two new identical 1,000 KW Plastics Recycling Generators each (Emission Sources 0005D & 0005E) will be permitted to operate up to a combined 8,760 hours per year at 4.0 gm/bhp-hr NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005 and as per the manufacturer's performance specification of 4.0 grams per brake horsepower-hour.

Condition # 37 for 6 NYCRR 227-2.6(a)(7): The two new identical 1,000 KW Plastics Recycling Generators each (Emission Sources 0005D & 0005E) combined will be permitted to consume up to 419,604 gallons per year of #2 fuel oil based on the combined operating hours of 8,760 hrs/yr at 4.0 gm/bhp-hr NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 38 for 6 NYCRR 227-2.6(a)(7): The two identical Cummins Generators (Emission Sources 0005B & 0005C) combined will be permitted to consume up to 99,864 gallons per year of #2 fuel oil based on the combined operating hours of 8,760 hrs/yr at 6.0 gm/bhp-hr NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 55 for 6 NYCRR 227-1.3(a): The 300 KW Cummins Generator #1 (Emission Source 0005B) is prohibited from emitting smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

Condition # 56 for 6 NYCRR 227-2.4(f)(2): The facility is required to keep records of the following for the Cummins Generator #1 (Emission Source 0005B) for the Oxides of Nitrogen emission limit of 6.0 grams/bhphr of NO_x for lean burn engines as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

1. Hours of Operation per day by each engine-generator.
2. Gallons of #2 diesel fuel burned by each engine-generator.

Condition # 57 for 6 NYCRR 227-2.4(f)(2)(ii): The 300 KW Cummins Generator #1 (Emission Source 0005B) will be required to conduct stack testing to comply with the 6.0 grams per brake horsepower-hour of NO_x for lean burn engines as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 58 for 6 NYCRR 227-2.5 (c): The 300 KW Cummins Generator #1 (Emission Source 0005B) will be permitted to emit 6.0 grams per brake horsepower-hour as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 59 for 6 NYCRR 227-2.6: The 300 KW Cummins Generator #1 (Emission Source 0005B) will be permitted to emit 6.0 grams per brake horsepower-hour as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 60 for 6 NYCRR 227-2.6(a)(2): The 300 KW Cummins Generator #1 (Emission Source 0005B) may opt to employ a continuous emissions monitoring system (CEMs), or equivalent, in lieu of the monitoring requirement to perform stack tests to comply with the 6.0 grams per brake horsepower-hour as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

The facility shall measure NO_x emissions with a continuous emissions monitoring system (CEMS) as described in 6 NYCRR 227-2.6(b).

Condition # 61 for 6 NYCRR 227-2.6 (c): The 300 KW Cummins Generator #1 (Emission Source 0005B) is required to conduct a stack test once during the term of this permit to comply with the 6.0 grams per brake horsepower-hour as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

This condition is for stack test requirements. The owner or operator of the facility is required to test for NO_x emission and follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

- (1) Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

must be acceptable to the department; and

(2) Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.

For internal combustion engines, utilize Method 7, 7E or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

Condition # 62 for 6 NYCRR 227.2(b)(1): The 300 KW Cummins Generator #1 (Emission Source 0005B) will be required to conduct a stack test once during the term of this permit to comply with the 0.10 pounds per million Btus of Particulates emission limit based on a 2 hour average emission for any oil fired stationary combustion installation.

Condition # 63 for 6 NYCRR 227-1.3(a): The 300 KW Cummins Generator #2 (Emission Source 0005C) is prohibited from emitting smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

Condition # 64 for 6 NYCRR 227-2.4(f)(2): The facility is required to keep records of the following for the Cummins Generator #2 (Emission Source 0005C) for the Oxides of Nitrogen emission limit of 6.0 grams/bhphr of NOx for lean burn engines as per the NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

1. Hours of Operation per day by each engine-generator.
2. Gallons of #2 diesel fuel burned by each engine-generator.

Condition # 65 for 6 NYCRR 227-2.4(f)(2)(ii): The 300 KW Cummins Generator #2 (Emission Source 0005C) will be required to conduct stack testing to comply with the 6.0 grams per brake horsepower-hour of NOx for lean burn engines as per the NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 66 for 6 NYCRR 227-2.5(c): The 300 KW Cummins Generator #2 (Emission Source 0005C) will be permitted to emit 6.0 grams per brake horsepower-hour as per the NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 67 for 6 NYCRR 227-2.6: The 300 KW Cummins Generator #2 (Emission Source 0005C) will be permitted to emit 6.0 grams per brake horsepower-hour as per the NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

II office on January 17, 2005.

Condition # 68 for 6 NYCRR 227-2.6(a)(2): The 300 KW Cummins Generator #2 (Emission Source 0005C) may opt to employ a continuous emissions monitoring system (CEMs), or equivalent, in lieu of the monitoring requirement to perform stack tests to comply with the 6.0 grams per brake horsepower-hour as per the NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

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

Condition # 69 for 6 NYCRR 227-2.6(c): The 300 KW Cummins Generator #2 (Emission Source 0005C) is required to conduct a stack test once during the term of this permit to comply with the 6.0 grams per brake horsepower-hour as per the NOx RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

This condition is for stack test requirements. The owner or operator of the facility is required to test for NOx emission and follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

(1) Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and

(2) Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.

For internal combustion engines, utilize Method 7, 7E or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

Condition # 70 for 6 NYCRR 227.2(b)(1): The 300 KW Cummins Generator #2 (Emission Source 0005C) will be required to conduct a stack test once during the term of this permit to comply with the 0.10 pounds per million Btus of Particulates emission limit based on a 2 hour average emission for any oil fired stationary combustion installation.

Condition # 71 for 6 NYCRR 227-1.3(a): The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) is prohibited from emitting smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

Condition # 72 for 6 NYCRR 227-2.4(f)(2): The facility is required to keep records of the following for the 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) for the Oxides of Nitrogen emission limit of 6.0 grams/bhphr of NO_x for lean burn engines as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

1. Hours of Operation per day by each engine-generator.
2. Gallons of #2 diesel fuel burned by each engine-generator.

Condition # 73 for 6 NYCRR 227-2.4(f)(2)(ii): The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) will be required to conduct stack testing to comply with the 4.0 grams per brake horsepower-hour of NO_x for lean burn engines as per the manufacturer's performance specification of 4.0 grams per brake horsepower-hour. The facility is requesting a NO_x RACT variance of 4.0 grams per brake horsepower-hour of NO_x for lean burn engines as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 74 for 6 NYCRR 227-2.5(c): The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) will be permitted to emit 4.0 grams per brake horsepower-hour of NO_x as per the NO_x RACT variance and as per the manufacturer's performance specification of 4.0 grams per brake horsepower-hour.

Condition # 75 for 6 NYCRR 227-2.6: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) will be permitted to emit 4.0 grams per brake horsepower-hour of NO_x as per the NO_x RACT variance and as per the manufacturer's performance specification of 4.0 grams per brake horsepower-hour.

Condition # 76 for 6 NYCRR 227-2.6(a)(2): The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) may opt to employ a continuous emissions monitoring system (CEMs), or equivalent, in lieu of the monitoring requirement to perform stack tests to comply with the 4.0 grams per brake horsepower-hour of NO_x as per the NO_x RACT variance.

The facility shall measure NO_x emissions with a continuous emissions monitoring system (CEMS) as described in 6 NYCRR 227-2.6(b).

Condition # 77 for 6 NYCRR 227-2.6(c): The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) is required to conduct a stack test once during the term of this permit to comply with the 4.0 grams per brake horsepower-hour of NO_x as per the NO_x RACT variance.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

This condition is for stack test requirements. The owner or operator of the facility is required to test for NOx emission and follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

- (1) Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
- (2) Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.

For internal combustion engines, utilize Method 7, 7E or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

Condition # 78 for 6 NYCRR 227.2(b)(1): The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) will be required to conduct a stack test once during the term of this permit to comply with the 0.10 pounds per million Btus of Particulates emission limit based on a 2 hour average emission for any oil fired stationary combustion installation.

Condition # 85 for 40 CFR 60.4200, NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) will be required to conduct a stack test once during the term of this permit to comply with the 0.15 grams per brake horsepower-hour of PM-10, which is the Standards of Performance Compression Ignition IC Engines and lists its applicability for equipment operation that began on or after April 1, 2006 and less than or equal to 3,000 horsepower (electric).

Condition # 86 for 40 CFR 60.4200, NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) will be required to conduct a stack test once during the term of this permit to comply with the 2.6 grams per brake horsepower-hour of Carbon Monoxide, which is the Standards of Performance Compression Ignition IC Engines and lists its applicability for equipment operation that began on or after April 1, 2006 and less than or equal to 3,000 horsepower (electric).

Condition # 89 for 40 CFR 60.4207(b), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel for Sulfur Dioxide, must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, beginning October 1, 2007, which are:



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

1. Not greater than 500 parts per million sulfur content by weight and;
2. Minimum cetane index of 40 or a maximum aromatic content of 35 percent

Condition # 90 for 40 CFR 60.4207(a), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(a) for nonroad diesel fuel, to a maximum aromatic content of 35 percent in the diesel oil for each delivery provided by the fuel supplier beginning October 1, 2010.

Condition # 91 for 40 CFR 60.4207(a), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(a) for nonroad diesel fuel, to a minimum of cetane index of 40 ratio in the diesel oil for each delivery provided by the fuel supplier beginning October 1, 2007.

Condition # 92 for 40 CFR 60.4207(a), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(a) for nonroad diesel fuel, to be not greater than 500 parts per million sulfur content in the diesel oil per delivery beginning October 1, 2007.

Condition # 93 for 40 CFR 60.4207(b), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, to a maximum aromatic content of 35 percent in the diesel oil for each delivery provided by the fuel supplier beginning October 1, 2010.

Condition # 94 for 40 CFR 60.4207(b), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, to a minimum of cetane index of 40 ratio in the diesel oil for each delivery provided by the fuel supplier.

Condition # 95 for 40 CFR 60.4207(b), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #1 (Emission Source 0005D) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, to a maximum sulfur content of 15 ppm by weight in the diesel oil for each delivery beginning October 1, 2010.

Condition # 100 for 6 NYCRR 227-1.3(a): The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) is prohibited from emitting smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

Condition # 101 for 6 NYCRR 227-2.4(f)(2): The facility is required to keep records of the following for the 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) for the Oxides of Nitrogen emission limit of 6.0 grams/bhphr of NO_x for lean burn engines as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

1. Hours of Operation per day by each engine-generator.
2. Gallons of #2 diesel fuel burned by each engine-generator.

Condition # 102 for 6 NYCRR 227-2.4(f)(2)(ii): The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) will be required to conduct stack testing to comply with the 4.0 grams per brake horsepower-hour of NO_x for lean burn engines as per the manufacturer's performance specification of 4.0 grams per brake horsepower-hour. The facility is requesting a NO_x RACT variance of 4.0 grams per brake horsepower-hour of NO_x for lean burn engines as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

Condition # 103 for 6 NYCRR 227-2.5(c): The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) will be permitted to emit 4.0 grams per brake horsepower-hour of NO_x as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005 and as per the manufacturer's performance specification of 4.0 grams per brake horsepower-hour.

Condition # 104 for 6 NYCRR 227-2.6: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) will be permitted to emit 4.0 grams per brake horsepower-hour of NO_x as per the NO_x RACT NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005 and as per the manufacturer's performance specification of 4.0 grams per brake horsepower-hour.

Condition # 105 for 6 NYCRR 227-2.6(a)(2): The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) may opt to employ a continuous emissions monitoring system (CEMs), or equivalent, in lieu of the monitoring requirement to perform stack tests to comply with the 4.0 grams per brake horsepower-hour of NO_x as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

Region II office on January 17, 2005.

The facility shall measure NO_x emissions with a continuous emissions monitoring system (CEMS) as described in 6 NYCRR 227-2.6(b).

Condition # 106 for 6 NYCRR 227-2.6(c): The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) is required to conduct a stack test once during the term of this permit to comply with the 4.0 grams per brake horsepower-hour of NO_x as per the NO_x RACT Compliance and Operating variance that was submitted to NYSDEC Region II office on January 17, 2005.

This condition is for stack test requirements. The owner or operator of the facility is required to test for NO_x emission and follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

(1) Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and

(2) Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.

For internal combustion engines, utilize Method 7, 7E or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

Condition # 107 for 6 NYCRR 227.2(b)(1): The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) will be required to conduct a stack test once during the term of this permit to comply with the 0.10 pounds per million Btus of Particulates emission limit based on a 2 hour average emission for any oil fired stationary combustion installation.

Condition # 114 for 40 CFR 60.4200, NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) will be required to conduct a stack test once during the term of this permit to comply with the 2.6 grams per brake horsepower-hour of Carbon Monoxide, which is the Standards of Performance Compression Ignition IC Engines and lists its applicability for equipment operation that began on or after April 1, 2006 and less than or equal to 3,000 horsepower (electric).

Condition # 115 for 40 CFR 60.4200, NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) will be required to conduct a stack test



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

once during the term of this permit to comply with the 0.15 grams per brake horsepower-hour of PM-10, which is the Standards of Performance Compression Ignition IC Engines and lists its applicability for equipment operation that began on or after April 1, 2006 and less than or equal to 3,000 horsepower (electric).

Condition # 118 for 40 CFR 60.4207(b), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel for Sulfur Dioxide, must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, beginning October 1, 2007, which are:

1. Not greater than 500 parts per million sulfur content by weight and;
2. Minimum cetane index of 40 or a maximum aromatic content of 35 percent

Condition # 119 for 40 CFR 60.4207(a), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(a) for nonroad diesel fuel, to a maximum aromatic content of 35 percent in the diesel oil for each delivery provided by the fuel supplier beginning October 1, 2007.

Condition # 120 for 40 CFR 60.4207(a), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(a) for nonroad diesel fuel, to a minimum of cetane index of 40 ratio in the diesel oil for each delivery provided by the fuel supplier beginning October 1, 2007.

Condition # 121 for 40 CFR 60.4207(a), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(a) for nonroad diesel fuel, to be not greater than 500 parts per million sulfur content in the diesel oil per delivery beginning October 1, 2007.

Condition # 122 for 40 CFR 60.4207(b), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, to a maximum aromatic content of 35 percent in the diesel oil for each delivery provided by the fuel supplier beginning October 1, 2010.



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 2-6304-00268/00015

Renewal Number: 1

Modification Number: 2 06/16/2010

Condition # 123 for 40 CFR 60.4207(b), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, to a minimum of cetane index of 40 ratio in the diesel oil for each delivery provided by the fuel supplier beginning October 1, 2010.

Condition # 124 for 40 CFR 60.4207(b), NSPS Subpart III: The 1,000 KW Plastics Recycling Generator #2 (Emission Source 0005E) is subject to this subpart for this stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder that use diesel fuel, must use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel, to a maximum sulfur content of 15 ppm by weight in the diesel oil for each delivery beginning October 1, 2010.