



**AIR FACILITY REGISTRATION CERTIFICATE**  
**in accordance with 6 NYCRR Subart 201-4**

**Registration Issued to:** U S DEPT OF VETERANS AFFAIRS  
810 VERMONT AVE NW  
WASHINGTON,DC 20420

**Contact:** U S DEPT OF VETERANS AFFAIRS  
810 VERMONT AVE NW  
WASHINGTON,DC 20420

**Facility:** VETERANS ADMIN MED CENTER @ CASTLE POINT  
ST RTE 9D  
CASTLE POINT,NY 12511

**Description:**

This facility operates a central heating plant consisting of 2 permitted combustion emission sources (boilers, 13.4 mmBTU/hr each). Each boiler is capable of firing natural gas or No. 2 fuel oil. There are two (2) 30,000 gallon above ground No. 2 fuel oil storage tanks adjacent to the central heating plant.

These boilers are subject to the requirements 6NYCRR 201, 6NYCRR 227-1 and a 0.5% sulfur by weight fuel limit under 40CFR § 60.42c(d). Any delivery of oil fuel shall contain a suppliers certification guaranteeing a sulfur in fuel content no more than the above specified limit. A semiannual report shall document that sulfur in fuel-limit contents are maintained per delivery.

In accordance with 6 NYCRR Subpart 227-1.3; Stationary combustion installations shall not exhibit greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or request the performance of a EPA Method 9 visible emission test.

The facility shall retain a record of central heating plant fuel monthly usage for the most recent 12 month period (40CFR60.48c(g)), and shall also submit semiannual reports each six-month period documenting records of monthly fuel use are maintained onsite, to be submitted upon the Departments request. (40CFR60.48.c(j)).

The facility also operates emergency generators to supply electricity during periods when utility service is unavailable. The generators are not on a coordinated demand response program, and are run under 500 hours per year, therefore all are exempt from permitting pursuant to 6NYCRR 201-3.2(c)(6). All generators are subject to 6NYCRR 227 and 225, and are exempt from 40 CFR 60 Subpart ZZZZ regs as well (40 CFR § 63.6590(b)(3) and § 63.6590(c)).

One generator with a model year Nov 2009 is subject to 40 CFR Subpart IIII regulations. The facility shall be responsible for all recordkeeping and maintenance associated with these regulations.

A current list of generators, including size, model year, fuel type, and date installed, shall be kept onsite, to be submitted to the Department upon request. Notification shall be submitted for any new generators to be installed onsite, or in the event an existing generator is modified or reconstructed as defined below;

Modification means any physical change in, or change in the method of operation of, an existing facility which increases the amount of any air pollutant (to which a standard applies) emitted into the atmosphere by that facility or which results in the emission of any air pollutant (to which a standard applies) into the atmosphere not previously emitted.

Reconstruction, unless otherwise defined in a relevant standard, means the replacement of components of an affected or a previously non affected source to such an extent that:

- (1) The fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable new source; and
- (2) It is technologically and economically feasible for the reconstructed source to meet the relevant standard(s) established by the Administrator (or a State) pursuant to section 112 of the Act. Upon



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reconstruction, an affected source, or a stationary source that becomes an affected source, is subject to relevant standards for new sources, including compliance dates, irrespective of any change in emissions of hazardous air pollutants from that source.

A log shall be kept on site listing generator run time dates, and hours of operation, to determine compliance. Fuel associated with the generators shall contain a sulfur in fuel content of no more than 1.5% in accordance with §225-1.2(d) Table 2.

All record keeping and compliance verification data shall be kept on site for a minimum of five years, to be made available to the Department upon request.

SO2 potential to emit results in a cap-by-rule registration determination. Actual emissions for all criteria pollutants have been determined less than 50% of major threshold limits. The facility shall maintain records proving cap-by-rule status, to be submitted to the Department upon request.

**Total Number of Emission Points:** 2

**Cap By Rule:** Yes

**Authorized Activity By Standard Industrial Classification Code:**

8062 - GENERAL MEDICAL & SURGICAL HOSPITALS

9451 - ADMINISTRATION OF VETERANS' AFFAIRS

**Registration Effective Date:** 08/25/2010

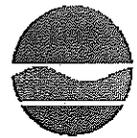
**Registration Expiration Date:** (Not Applicable)

**List of Regulations in Application:**

6 NYCRR Part 200	General Provisions
6 NYCRR Part 201	Permits and Certificates
6 NYCRR Part 211	General Prohibitions
6 NYCRR Part 225	Fuel Composition and Use
6 NYCRR Part 227	Stationary Combustion Installations
40 CFR Part 60	New Source Performance Standards

  
KENNETH R GRZYB  
REGION 3 AIR POLLUTION CONTROL ENGINEER  
NYSDEC REGION 3  
21 S PUTT CORNERS RD  
NEW PALTZ, NY 12561

This registrant is required to operate this facility in accordance with all air pollution control applicable Federal and State laws and regulations. Failure to comply with these laws and regulations is a violation of the ECL and the registrant is subject to fines and/or penalties as provided by the ECL. If ownership of this facility changes, the registrant is required to notify the Department at the address shown below using the appropriate forms and procedures within 30 days after the transfer takes place. The present registrant will continue to be responsible for all fees and penalties until the Department has been notified of any change in ownership.



**NOTICE OF INSPECTION RESULTS**

**Date : 08/16/2010**

**Owner :** U S DEPT OF VETERANS AFFAIRS  
810 VERMONT AVE NW  
WASHINGTON, DC 20420

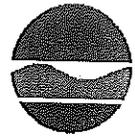
**Facility :** VETERANS ADMIN MED CENTER @ CASTLE POINT  
ST RTE 9D  
CASTLE POINT ,NY 12511

**Contact :** JOHN CLIFFE  
US DEPT OF VETERANS AFFAIRS  
2094 ALBANY POST RD PO BOX 100  
MONTROSE, NY 10548-0100  
(914) 737-4400

**Compliance Status Determined On :** 08/09/2010 8:00 AM

**Compliance Status Determined By :** VERONICA M WOLAK  
NYSDEC - REGION 3  
21 SOUTH PUTTS CORNERS RD  
NEW PALTZ, NY 12561-1696

**Basis for Determination :** Data Review



**Comments :**

One non permitted 1982 6.7 mmBTU/hr boiler has been shut down. The Department has received a letter stating such. New 40 CFR Subpart IIII regulations for generators apply to one of the generators onsite.

The facility shall keep a current list of Generators with the following information; Manufacture, Size, Model Date, Fuel type, Date Installed, and if modified or reconstructed.

Below is a list current as of 8/16/2010;

Generators (All compression ignition, none modified or reconstructed);

	Manufacture	kW	Fuel	Installed
9	ONAN	200	Diesel	Oct-02
13	ONAN	125	Diesel	Oct-02
18	CAT	300	Diesel	Jun-99
20	CAT	250	Diesel	Jun-99
35	ONAN	800	Diesel	Sep-04
114	ONAN	80	Diesel	Nov-09
44	JOHN DEERE	75	Diesel	Jun-71
57	ONAN	80	Diesel	Oct-02
59	CAT	600	Diesel	Jun-99
15H	CUMMINS	350	Diesel	Aug-89
88	ONAN	14.3	Diesel	Oct-02

40 CFR 63 ZZZZ - Generators onsite exempt from this subpart in accordance with § 63.6590(b)(3) an existing stationary residential, commercial, or institutional emergency stationary RICE located at an area source of HAP emissions, does not have to meet the requirements of this subpart and of subpart A of this part. No initial notification is necessary. AND. § 63.6590(c). An affected source that is a new or reconstructed stationary RICE located at an area source, must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under this part.

40 CFR 60 IIII - § 60.4200(a)(2) Owners and operators of stationary CI ICE that commence construction after July 11, 2005 where the stationary CI ICE are:

(i) Manufactured after April 1, 2006

The facility maintains one generator - 114 ONAN 80 Diesel Model year Nov-09 1.12 Liter/cylinder subject to these regulations as listed below.

**Emission Standards for Owners and Operators**

§ 60.4205 What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal combustion engine?

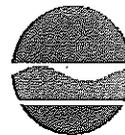
(b) Owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engines in §60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE.

§ 60.4202 - (a) Stationary CI internal combustion engine manufacturers must certify their 2007 model year and later emergency stationary CI ICE with a maximum engine power less than or equal to 2,237 KW (3,000 HP) and a displacement of less than 10 liters per cylinder that are not fire pump engines to the emission standards specified in paragraphs (a)(2) of this section.

(a)(2) For engines with a maximum engine power greater than or equal to 37 KW (50 HP), the certification emission standards for new nonroad CI engines for the same model year and maximum engine power in 40 CFR 89.112 and 40 CFR 89.113 for all pollutants beginning in model year 2007.

§ 89.112 Oxides of nitrogen, carbon monoxide, hydrocarbon, and particulate matter exhaust emission standards.

(a) Exhaust emission from nonroad engines to which this subpart is applicable shall not exceed the



applicable exhaust emission standards contained in Table 1, as follows:

NMHC + NO <sub>x</sub>	4 g/kw-hr
CO	5 g/kw-hr

§ 89.113 Smoke emission standard.

(a) Exhaust opacity from compression-ignition nonroad engines for which this subpart is applicable must not exceed:

- (1) 20 percent during the acceleration mode;
- (2) 15 percent during the lugging mode; and
- (3) 50 percent during the peaks in either the acceleration or lugging modes.

(b) Opacity levels are to be measured and calculated as set forth in 40 CFR part 86, subpart I. Notwithstanding the provisions of 40 CFR part 86, subpart I, two-cylinder nonroad engines may be tested using an exhaust muffler that is representative of exhaust mufflers used with the engines in use.

(c) The following engines are exempt from the requirements of this section:

- (1) Single-cylinder engines;
- (2) Propulsion marine diesel engines; and
- (3) Constant-speed engines.

§ 60.4206 How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine?

Owners and operators of stationary CI ICE must operate and maintain stationary CI ICE that achieve the emission standards as required in §60.4205 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.

§ 60.4207 What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to this subpart?

(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).

(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.

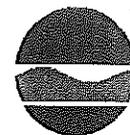
§ 80.510 What are the standards and marker requirements for Non Road (NR) diesel fuel?

(b) Beginning June 1, 2010. Except as otherwise specifically provided in this subpart, all NR diesel fuel is subject to the following per-gallon standards:

- (1) Sulfur content.
  - (i) 15 ppm maximum for NR diesel fuel.
- (2) Cetane index or aromatic content, as follows:
  - (i) A minimum cetane index of 40; or
  - (ii) A maximum aromatic content of 35 volume percent.

(c) Beginning June 1, 2012. Except as otherwise specifically provided in this subpart, all NR diesel fuel is subject to the following per-gallon standards:

- (1) Sulfur content. 15 ppm maximum.
- (2) Cetane index or aromatic content, as follows:



- (i) A minimum cetane index of 40; or
- (ii) A maximum aromatic content of 35 volume percent.

§ 60.4208 What is the deadline for importing or installing stationary CI ICE produced in the previous model year?

- (a) After December 31, 2008, owners and operators may not install stationary CI ICE (excluding fire pump engines) that do not meet the applicable requirements for 2007 model year engines.
- (b) After December 31, 2009, owners and operators may not install stationary CI ICE with a maximum engine power of less than 19 KW (25 HP) (excluding fire pump engines) that do not meet the applicable requirements for 2008 model year engines.
- (c) After December 31, 2014, owners and operators may not install non-emergency stationary CI ICE with a maximum engine power of greater than or equal to 19 KW (25 HP) and less than 56 KW (75 HP) that do not meet the applicable requirements for 2013 model year non-emergency engines.
- (d) After December 31, 2013, owners and operators may not install non-emergency stationary CI ICE with a maximum engine power of greater than or equal to 56 KW (75 HP) and less than 130 KW (175 HP) that do not meet the applicable requirements for 2012 model year non-emergency engines.
- (e) After December 31, 2012, owners and operators may not install non-emergency stationary CI ICE with a maximum engine power of greater than or equal to 130 KW (175 HP), including those above 560 KW (750 HP), that do not meet the applicable requirements for 2011 model year non-emergency engines.
- (f) After December 31, 2016, owners and operators may not install non-emergency stationary CI ICE with a maximum engine power of greater than or equal to 560 KW (750 HP) that do not meet the applicable requirements for 2015 model year non-emergency engines.
- (g) In addition to the requirements specified in §§60.4201, 60.4202, 60.4204, and 60.4205, it is prohibited to import stationary CI ICE with a displacement of less than 30 liters per cylinder that do not meet the applicable requirements specified in paragraphs (a) through (f) of this section after the dates specified in paragraphs (a) through (f) of this section.
- (h) The requirements of this section do not apply to owners or operators of stationary CI ICE that have been modified, reconstructed, and do not apply to engines that were removed from one existing location and reinstalled at a new location.

§ 60.4209 What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?

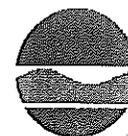
If you are an owner or operator, you must meet the monitoring requirements of this section. In addition, you must also meet the monitoring requirements specified in §60.4211.

- (a) If you are an owner or operator of an emergency stationary CI internal combustion engine, you must install a non-resettable hour meter prior to startup of the engine.
- (b) If you are an owner or operator of a stationary CI internal combustion engine equipped with a diesel particulate filter to comply with the emission standards in §60.4204, the diesel particulate filter must be installed with a backpressure monitor that notifies the owner or operator when the high backpressure limit of the engine is approached.

§ 60.4211 What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

- (a) If you are an owner or operator and must comply with the emission standards specified in this subpart, you must operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, owners and operators may only change those settings that are permitted by the manufacturer. You must also meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply to you.

- (c) If you are an owner or operator of a 2007 model year and later stationary CI internal combustion



(c) If you are an owner or operator of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in §60.4205(b), you must comply by purchasing an engine certified to the emission standards in §60.4205(b), as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.

(e) Emergency stationary ICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations. Anyone may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. For owners and operators of emergency engines meeting standards under §60.4205 but not §60.4204, any operation other than emergency operation, and maintenance and testing as permitted in this section, is prohibited.

If the facility is required to perform Testing Requirements for Owners and Operators, the following shall be followed;

§ 60.4212 What test methods and other procedures must I use if I am an owner or operator of a stationary CI internal combustion engine with a displacement of less than 30 liters per cylinder?

§ 60.4214 What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?

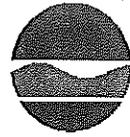
(b) If the stationary CI internal combustion engine is an emergency stationary internal combustion engine, the owner or operator is not required to submit an initial notification. Starting with the model years in table 5 to this subpart, if the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time.

(c) If the stationary CI internal combustion engine is equipped with a diesel particulate filter, the owner or operator must keep records of any corrective action taken after the backpressure monitor has notified the owner or operator that the high backpressure limit of the engine is approached.

§ 60.4218 What parts of the General Provisions apply to me?

Table 8 to this subpart shows which parts of the General Provisions in §§60.1 through 60.19 apply to you.

General Provisions	Subpart Explanation
§60.1 General applicability of the General Provisions	Yes
§60.2 Definitions defined in §60.4219.	Yes Additional terms
§60.3 Units and abbreviations	Yes
§60.4 Address	Yes
§60.5 Determination of construction or modification	Yes
§60.6 Review of plans	Yes
§60.7 Notification and Recordkeeping only applies as specified in §60.4214(a).	Yes Except that §60.7
§60.8 Performance tests only applies to stationary CI ICE with a displacement of (=30 liters per cylinder and engines that are not certified.	Yes Except that §60.8
§60.9 Availability of information	Yes
§60.10 State Authority	Yes
§60.11 Compliance with standards and maintenance requirements specified in subpart IIII.	No Requirements are
§60.12 Circumvention	Yes
§60.13 Monitoring requirements	Yes Except that §60.13 only applies to stationary CI ICE with a displacement of (=30 liters per cylinder.
§60.14 Modification	Yes
§60.15 Reconstruction	Yes
§60.16 Priority list	Yes



§60.16 Priority list

§60.17 Incorporations by reference

§60.18 General control device requirements

§60.19 General notification and reporting requirements

Yes  
Yes  
No  
Yes

**Inspection Details :**

This Facility has been inspected for the following requirements, issued permits and active consent orders. Detailed descriptions of Emission Units, Emission Points, Processes and Emission Sources can be found in the listed permits.

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**Regulation Determinations (No Violations observed at the time of this Inspection):**

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Regulation : 40 CFR Part 60, Subpart III  
FACILITY LEVEL