



OPERATING PERMIT Issued Pursuant to Tennessee Air Quality Act

Date Issued: SEP 27 2013

Permit Number:
067726P

Date Expires: January 1, 2023

Issued To:
Cleveland TN Hospital Co., LLC

Installation Address:
2305 Chambliss Ave NW
Cleveland

Installation Description:
One Diesel Fired Emergency Generator
Design Power Output: (2,011 hp or 1,500 Kilowatts)
Installed in 1994

Emission Source Reference No.
06-0056-03

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated September 16, 2013, and signed by Jeff Prine, Facilities Director for the permitted facility. If this person terminates employment or is reassigned different duties such that he is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

(conditions continued on next page)

TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. The maximum total heat input capacity for this source shall not exceed 14,080,000 British Thermal Units per hour (14.08 MMBtu/hr). TAPCR 1200-03-09-02(6) and the application dated August 16, 2013.
3. Only No. 2 fuel oil and diesel fuel shall be used as fuels for this source. TAPCR 1200-03-09-02(6) and the application dated August 16, 2013.
4. Particulate Matter (TSP) emitted from this source shall not exceed 0.50 pound per million British Thermal Units (lb/MMBtu) of heat input (7.0 lb/hr). TAPCR 1200-03-06-.02(2)(a)
5. Sulfur Dioxide (SO₂) emitted from this source shall not exceed 8.14 pounds per hour. TAPCR 1200-03-14-.03(5).
6. Carbon Monoxide (CO) emitted from this source shall not exceed 11.06 pounds per hour. TAPCR 1200-03-07-.07(2).
7. Volatile Organic Compounds (VOCs) emitted from this source shall not exceed 1.42 pound per hour. TAPCR 1200-03-07-.07(2).
8. Nitrogen Oxides (NO_x) emitted from this source shall not exceed 48.28 pounds per hour. TAPCR 1200-03-07-.07(2).
9. Compliance with the emission limits in **Conditions 4, 5, 6, 7 and 8** is based on compliance with **Conditions 2 and 3** of this permit and AP-42, Chapter 3, Section 4, emission factors.
10. The emergency diesel generator allowable emissions were calculated using EPA's policy of 500 hours per calendar year. TAPCR 1200-03-09-02(6) and the application dated August 16, 2013.
11. Beginning November 1, 2013, a log of the operating hours, in a form that readily shows compliance with **Condition 10**, shall be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. Monthly data, including all required calculations, must be entered in the log no later than thirty (30) days from the end of the month for which the data is required. This log must be retained for a period of not less than two (2) years. TAPCR 1200-03-10-.02(2)(a).

MONTHLY OPERATING HOURS LOG FOR THE YEAR 20

Month	Operating Hours
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	
Total operating hours for the year 20	

(conditions continued on next page)

12. Visible emissions from this source shall not exhibit greater than twenty percent (20%) opacity, except for one (1) six-minute period in any one (1) hour period, and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). TAPCR 1200-03-05-.03(6) and TAPCR 1200-03-05-.01(1)
13. This source shall comply with all applicable state and federal air pollution regulations. This includes, but is not limited to, federal regulations published under 40 CFR 63 for sources of hazardous air pollutants and 40 CFR 60, New Source Performance Standards. TAPCR 1200-03-09-.03(8)
14. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application. TAPCR 1200-03-09-.02(6)
15. This permit is valid only at this location. TAPCR 1200-03-09-.03(6).
16. The permittee shall apply for renewal of this permit not less than sixty (60) days prior to the permit expiration date, pursuant to Rule 1200-03-09-.02(3) of the Tennessee Air Pollution Control Regulations.

(end of conditions)

Emission Summary
Cleveland TN Hospital Co., LLC

Source Number: 06-0056-03

Permit Number: 067726P

Source Status: New ☐ Modification ☐ Expansion ☐ Relocation ☐ Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☐ NESHAPs ☐ Previous Permit Number: Construction 966489P Operating ____.

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
TSP	1.41	1.41	7.0	0.35	0.35	1.75		8/10/12	3	06-.02(2)(a)
SO ₂	8.14	8.14	8.14	2.03	2.03	2.03		8/10/12	3	14-.03(5)
CO	11.06	11.06	11.06	2.77	2.77	2.77		8/10/12	3	07-.07(2)
VOC	1.42	1.42	1.42	0.36	0.36	0.36		8/10/12	3	07-.07(2)
NO _x	48.28	48.28	48.28	12.07	12.07	12.07		8/10/12	3	07-.07(2)
MISC.										
HAPs										
Exempt										

* - Source of data

2,011.5 hp

1,500 kW

Emergency generator is not subject to 40 CFR 63 Subpart ZZZZ due to it being existing institutional emergency stationary RICE.

PERMITTING PROGRAM: ODJ _____ DATE: September 24, 2013