

TENNESSEE AIR POLLUTION CONTROL BOARD  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
NASHVILLE, TENNESSEE 37243-1531



**OPERATING PERMIT** Issued Pursuant to Tennessee Air Quality Act

Date Issued: **MAY 09 2012**

Permit Number:  
066120P

Date Expires: January 1, 2022

Issued To:  
LaFollette Medical Center

Installation Address:  
923 East Central Avenue  
LaFollette

**Installation Description:**

Diesel fueled 180 kW Emergency Generator, 1.69 MMBtu/hr  
Diesel fueled 800 kW Emergency Generator, 7.51 MMBtu/hr

Emission Source Reference No.  
07-0027-04

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 April 26, 2012, and signed by Mr. Mark Cain, CEO of the permitted facility. If this person terminates employment or is reassigned different duties and 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 9.20 million British Thermal Units per hour (9.20 MMBtu/hr). The Technical Secretary may require the permittee to prove compliance with this rate.
3. Only No. 2 fuel oil and diesel shall be used as fuels for this source.
4. Particulate matter (TSP) emitted from this source shall not exceed 0.60 pound per million British Thermal Units (lb/MMBtu) of heat input (5.52 pounds per hour). TAPCR 1200-03-06-.02(2)(a).
5. Sulfur dioxide (SO<sub>2</sub>) emitted from this source shall not exceed 0.51 pound per hour.  
  
The above emission limitation is established pursuant to 1200-03-14-.01(3) of the Tennessee Air Pollution Control Regulations and the information contained in the agreement letter dated March 9, 2012, from the permittee.
6. Carbon monoxide (CO) emitted from this source shall not exceed 7.51 pounds per hour. TAPCR 1200-03-07-.07(2).
7. Volatile organic compounds (VOCs) emitted from this source shall not exceed 1.36 pounds per hour. TAPCR 1200-03-07-.07(2).
8. Nitrogen oxides (NO<sub>x</sub>) emitted from this source shall not exceed 33.2 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 3 emission factors.
10. A monthly log of the type of fuel used (No. 2 fuel oil, and diesel fuel), in a form that readily shows compliance with **Condition 3** of this permit, shall be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. **This monthly log shall be kept in a format, which readily contains the same information.** These records shall be retained for a period of not less than two (2) years. All 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.
11. 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)
12. 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.
13. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application.
14. The permittee shall apply for renewal of this permit not less than sixty (60) days prior to the permit expiration date, pursuant to Division Rule 1200-03-09-.02(3).

**End of conditions**

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# CURRENT EMISSIONS REQUIREMENTS AND EMISSION SUMMARY

COMPANY NAME: LaFollette Medical Center

1. EMISSION SOURCE REFERENCE NUMBER: 07-0027-04 NONATTAINMENT:    ATTAINMENT:    2. LOG 66120

3A. PERMIT STATUS: NEW    RENEWAL    RELOCATION    3B. PREVIOUS PERMIT NUMBER: CONSTRUCTION: 965368P OPERATING:   

4. IDENTIFY IF ONLY A PART OF THE SOURCE IS SUBJECT TO THIS REQUIREMENT	5. POLLUTANT	6. APPLICABLE REQUIREMENT(S): TN AIR POLLUTION CONTROL REGULATIONS, 40 CFR, PERMIT RESTRICTIONS, AIR QUALITY BASED STANDARDS	7. LIMITATION	8. MAXIMUM ACTUAL EMISSIONS			9. MAXIMUM ALLOWABLE EMISSIONS	
				IN UNITS OF ITEM 7	POUNDS / HOUR	IN UNITS OF ITEM 7	POUNDS / HOUR	IN UNITS OF ITEM 7
	TSP	1200-03-06-.02(2)(a)	5.52 lb/hr	5.52	1.28	0.32	5.52	1.38
	SO <sub>2</sub>	1200-03-14-.01(3)	0.51 lb/hr	0.51	0.51	0.13	0.51	0.13*
	CO	1200-03-07-.07(2)	7.51 lb/hr	7.51	7.51	1.88	7.51	1.88
	VOC	1200-03-07-.07(2)	1.36 lb/hr	1.36	1.36	0.34	1.36	0.34
	NO <sub>x</sub>	1200-03-07-.07(2)	33.2 lb/hr	33.2	33.2	8.30	33.2	8.30
	CO <sub>2e</sub>	40 CFR 98	376 lb/hr	376	125	31.2	376	94.1
Visible Emissions Source	Opacity	1200-03-05-.01(1) & 1200-03-05-.03(6)	20, Method 9					
IF THIS IS NOT A TITLE V SOURCE, IS THIS A DEFERRED SOURCE (SUBJECT TO NSPS OR NESHAPS) OR A SYNTHETIC MINOR SOURCE?				SOURCE OF DATA FOR EMISSIONS IN ITEM 8: Applications dated 4/26/12 & 965368P				

\* By an agreement letter dated March 9, 2012, the company has agreed to a limit of 0.51 lb/hr and 0.13 ton/yr for SO<sub>2</sub>.

ENGINEERING PROCTCTION SPECIALIST: Hymelia Craig DATE: 5/9/12 SUPERVISOR: SMB 5/9/12