

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:
066119F

Date Expires: January 1, 2022

Issued To:
LaFollette Medical Center

Installation Address:
923 East Central Avenue
LaFollette

Installation Description:

Natural Gas Fired Boilers w/No. 2 diesel fuel as back-up:
Superior Boiler - 8.4 MM Btu/hr
Cleaver Brooks Boiler - 6.5 MM Btu/hr w/NG burner
6.0 MM Btu/hr w/No. 2 diesel fuel burner

Emission Source Reference No.
07-0027-01

Natural Gas Fired Boilers:
Kewanee Boiler 2.65 - MM Btu/hr
BP Boiler 3.172 - MM Btu/hr

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. Total stated design capacity of the four boilers is 20.7 million Btu per hour. A construction permit must be obtained before exceeding this capacity. The Technical Secretary may require the permittee to prove compliance with this rate.
3. The sulfur content of the fuel shall not exceed 0.0015 percent (15 ppm).
4. Only natural gas shall be used for the Kewanee and BP boilers. Natural gas and No. 2 diesel fuel shall be used for the Superior and Cleaver Brooks boilers.
5. Sulfur dioxide (SO₂) emitted from this source shall not exceed 0.03 pound per hour. This emissions limitation is established pursuant to Rule 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. Nitrogen oxides (NO_x) emitted from this source shall not exceed 2.62 pounds per hour. This emission limitation is established pursuant to Rule 1200-03-06-.03(2) of the Tennessee Air Pollution Control Regulations.
7. Carbon monoxide (CO) emitted from this source shall not exceed 1.71 pounds per hour. This emission limitation is established pursuant to Rule 1200-03-06-.03(2) of the Tennessee Air Pollution Control Regulations.
8. Volatile organic compounds (VOC) emitted from this source shall not exceed 0.11 pound per hour. This emission limitation is established pursuant to Rule 1200-03-06-.03(2) of the Tennessee Air Pollution Control Regulations.
9. Total particulate matter emitted from the four boilers shall not exceed 0.40 pound per MMBtu (8.29 lb/hr) as established pursuant to Rule 1200-03-06-.02(2)(a) of the Tennessee Air Pollution Control Regulations.
10. The permittee shall maintain a monthly log of natural gas and No. 2 diesel fuel (in gallons/hour) used by the four boilers. These records shall be retained at the source for a period of not less than two (2) years and made readily available for inspection by the Division. 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

CURRENT EMISSIONS REQUIREMENTS AND EMISSION SUMMARY

COMPANY NAME: LaFollette Medical Center

1. EMISSION SOURCE REFERENCE NUMBER: 07-0027-01 NONATTAINMENT: ATTAINMENT: X 2. LOG 66119

3A. PERMIT STATUS: NEW RENEWAL RELOCATION 3B. PREVIOUS PERMIT NUMBER: CONSTRUCTION: 964935F 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)	8.29 lb/hr	8.29	0.15	0.68	8.29	36.3
	SO ₂	1200-03-14-.01(3)	0.03 lb/hr	0.03	0.03	0.11	0.03	0.11*
	CO	1200-03-06-.03(2)	1.71 lb/hr	1.71	1.71	7.47	1.71	7.47
	VOC	1200-03-06-.03(2)	0.11 lb/hr	0.11	0.11	0.49	0.11	0.49
	NO _x	1200-03-06-.03(2)	2.62 lb/hr	2.62	2.62	11.5	2.62	11.5
	CO ₂ e	40 CFR 98	53,210 lb/hr	53,210	43,050	10,762	53,210	13,585
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? IF THE ANSWER IS YES, EXPLAIN:				SOURCE OF DATA FOR EMISSIONS IN ITEM 8: Applications dated 4/26/12 & 964935F				

* By an agreement letter dated March 9, 2012, the company has agreed to a limit of 0.03 lb/hr and 0.11 ton/yr for SO₂.

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