

ATTACHMENT - Facility Information

McLeod Regional Medical Center

GCM-1040-0048

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GENERAL INFORMATION

A - APPLICABLE PERMIT DATES

COVERAGE DATE:

April 1, 2011

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS:

555 E. Cheves St.

CITY, STATE, ZIP FACILITY IS LOCATED IN:

Florence, SC 29506

COUNTY FACILITY IS LOCATED IN:

Florence

C - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Fuels Used	Installation/Modification Date	Emission Point ID
Boiler #4	29 Million BTU/hr fire tube Superior X6-X-3500-S150-GPCF-GA2, SN16628, LLR 10163 Boiler used to generate steam for use in the HVAC systems at the medical complex. Equipped with a Low NO _x burner NSPS A and Dc	Natural Gas No. 2 Fuel Oil (≤0.0015% sulfur content by weight)	10-17-2011	B4
Boiler #5	8.37 Million BTU/hr, Cleaver Brooks / CB-200-200 Boiler in Material Services / Laundry	Natural Gas No. 2 Fuel Oil (≤0.05% sulfur content by weight)	1991	B5
Boiler #6	8.37 Million Btu/hr, Cleaver Brooks / CB-200-200 Boiler in Material Services / Laundry	Natural Gas No. 2 Fuel Oil (≤0.05% sulfur content by weight)	1991	B6
Boiler #1	20.9 Million BTU/hr, Superior/ 7-X-3500, SN17004, LLR 9864 Boiler in Energy Center, Main Tower Boiler Room. Equipped with a Low NO _x burner NSPS A and Dc	Natural Gas No. 2 Fuel Oil (≤0.05% sulfur content by weight)	12-19-2012	B1
Boiler #3	29 Million BTU/Hr fire tube Superior X6-X-3500, SN17317, LLR 09863 Boiler used to generate steam for use in the HVAC systems at the medical complex. Equipped with a Low NO _x burner. NSPS A and Dc	Natural Gas No. 2 Fuel Oil (≤0.05% sulfur content by weight)	3-11-2013	B3
Boiler #2	29 million BTU/hr fire tube Superior boiler (Model X6-X-3500-S150-GPCF-GA2). SN-17431, LLR09865. The boiler will be used to generate steam for use in the HVAC systems at the medical complex. Equipped with a Low NO _x burner. NSPS A and Dc	Natural Gas No. 2 Fuel Oil (≤0.05% sulfur content by weight)	9-23-2013	B2

D- ADDITIONAL CONDITIONS - RESERVED

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RECORD OF REVISIONS FOR GCM-1040-0048	
Revision Date	Description of Change
11/02/11	Incorporated Boiler #4 from Construction Permit 1040-0048-CB into General Conditional Major Operating Permit. Updated Section D to include the new boiler and renamed existing boilers from Boiler #4 and Boiler #5 to Boiler #5 and Boiler #6 (the two 8.37 Million Btu/hr, Cleaver Brooks Boilers). And added new boiler as Boiler #4. And updated Attachment B modeled emission rates.
2/22/13	Updated Emergency Generator Replacement for EX-GENX01 through EX-GENX05.
06/13/2013	Incorporated Boiler #3 from Construction Permit 1040-0048-CB in to General Conditional Major Operating Permit. Corrected Boiler #1 serial number. Updated Section D to include the new Boiler 20.9 Million BTU/hr Superior/7-X-3500. Updated the Exempt Sources list per facility (via email from Mr. Keen on 4/11/12) request. Corrected Boiler #4 sulfur content from 0.015% to 0.05% (per email request from Mr. Keen on 4/17/13).
11/07/2013	Incorporated Boiler #2 from Construction Permit 1040-0048-CB in the General Conditional Major Operating Permit. Corrected Boiler #1 and Boiler #4 serial and LLR numbers. Voided Boiler #2 installed in 1978.
04-01-2014	Updated template and removed exempt sources
10-10-2014	Corrected Coverage date from March 30, 2011 to April 1, 2011
2-06-2015	Updated Attachment - Emission Rates for Ambient Air Standards and Emission Rates Table. Removed voided equipment Boilers 1-3.

ATTACHMENT - Emission Rates for Ambient Air Standards

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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2				
Emission Point ID	Emission Rates (lbs/hr)			
	PM₁₀	SO₂	NO₂	CO
Boiler 1	0.415	0.046	3.48	1.070
Boiler 2	0.415	0.046	3.48	1.070
Boiler 3	0.415	0.046	3.48	1.070
Boiler 4	--	--	3.48	--
Boiler 5	0.200	0.420	1.20	0.690
Boiler 6	0.200	0.420	1.20	0.690