

ATTACHMENT A

Facility Information

Lexington Medical Center

GCM-1560-0055

Page 1 of 3

GENERAL INFORMATION

A - APPLICABLE PERMIT DATES

ISSUED DATE: March 30, 2011
EFFECTIVE COVERAGE DATE: April 01, 2011
EXPIRATION DATE: March 31, 2021

B - FACILITY INFORMATION

FEDERAL EMPLOYER IDENTIFICATION NO.: 57-0874077
SIC CODE(S): 8062
NAICS CODE(S): 622110
EPA (AIRS) FACILITY ID NUMBER: 4506300055

C - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 2720 Sunset Blvd.
CITY, STATE, ZIP FACILITY IS LOCATED IN: West Columbia, SC 29169-4810
COUNTY FACILITY IS LOCATED IN: Lexington

RECORD OF REVISIONS FOR GCM-1560-0055		
Revision Number	Final Revision Date	Description of Change

Send copies of all revisions to Permit File, Regional EQC Office, and Facility Environmental Contact.

ATTACHMENT A

Facility Information

Lexington Medical Center

GCM-1560-0055

Page 2 of 3

D - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Control Devices	Fuels Used	Installation Date	Modification Date	Emission Point ID
Boiler #1	10.5 million BTU/hr Cleaver Brooks Boiler	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur)	1969	None	Boiler #1
Boiler #2	10.5 million BTU/hr Cleaver Brooks Boiler	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur)	1969	None	Boiler #2
Boiler #3	12.6 million BTU/hr Cleaver Brooks Boiler	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur)	1975	None	Boiler #3
Boiler #4	3.4 million BTU/hr Cleaver Brooks Boiler	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur)	1992	None	Boiler #4
Boiler #5	6.28 million BTU/hr Boiler	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur)	1999	None	Boiler #5
Boiler #6	9.97 million BTU/hr Boiler	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur)	2005	None	Boiler #6
Boiler #7	8.37 million BTU/hr Boiler	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur)	2005	None	Boiler #7
Boiler #8	9.97 million BTU/hr Boiler	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur)	2005	None	Boiler #8
Boiler #9	8.37 million BTU/hr Boiler	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur)	2005	None	Boiler #9

F - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
Generator #1	1750 kW diesel fired emergency generator	2005	None	SC Regulation 61-62.1, Section II(B)(2)(f)(ii)
Generator #2	1750 kW diesel fired emergency generator	1991	None	SC Regulation 61-62.1, Section II(B)(2)(f)(ii)
Generator #3	1750 kW diesel fired emergency generator	2005	None	SC Regulation 61-62.1, Section II(B)(2)(f)(ii)
Generator #4	1500 kW diesel fired emergency generator	2002	None	SC Regulation 61-62.1, Section II(B)(2)(f)(ii)
Storage Tank #1	20,000 gallon No. 2 Fuel Oil Storage Tank	2005	None	SC Regulation 61-62.1, Section II(B)(2)(h)
Storage Tank #2	20,000 gallon No. 2 Fuel Oil Storage Tank	2005	None	SC Regulation 61-62.1, Section II(B)(2)(h)

ATTACHMENT A

Facility Information

Lexington Medical Center

GCM-1560-0055

Page 3 of 3

F - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
Storage Tank #3	6,000 gallon No. 2 Fuel Oil Storage Tank	1999	None	SC Regulation 61-62.1, Section II(B)(2)(h)

G - CONDITIONS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
G.1	Boilers#1, 2, 6, 7, 8, and 9	SO ₂	<p>In accordance with SC Regulation 61-62.5, Standard No. 2 and SC Regulation 61-62.5, Standard No. 7(c), the facility is limited in the operations of the boilers as follows:</p> <ol style="list-style-type: none">1. Only one of the two 10.5 million BTU/hr boilers can operate at any given time (Boilers #1 and 2).2. Only one of the two 8.37 million BTU/hr boilers can operate at any given time (Boilers #7 and 9).3. Only one of the two 9.97 million BTU/hr boilers can operate at any given time (Boilers #6 and 8). <p>This is a state only requirement.</p>

ATTACHMENT B

Modeled Emission Rates

Lexington Medical Center

GCM-1560-0055

Page 1 OF 1

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.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2					
Emission Point ID	Modeled Emission Rates (lbs/hr)				
	PM	PM ₁₀	SO ₂	NO _x	CO
Boiler No. 1 or Boiler No. 2 (10.46 million Btu/hr)	0.579	0.579	5.865	4.111	0.373
Boiler No. 3 (12.55 million Btu/hr)	0.698	0.698	7.040	4.929	0.4445
Boiler No. 4 (3.35 million Btu/hr)	0.1905	0.1905	1.881	1.3175	0.119
Boiler No. 6 (5.0 million Btu/hr)	0.278	0.278	2.802	1.968	0.1825
Boiler No. 7 or Boiler No. 8 (8.37 million Btu/hr)	0.468	0.468	4.691	3.286	0.302
Boiler No. 9 or Boiler No. 10 (9.97 million Btu/hr)	0.556	0.556	5.587	3.921	0.357

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7			
Emission Point ID	Modeled Emission Rates (lbs/hr)		
	PM ₁₀	SO ₂	NO _x
Boiler No. 6 (5.0 million Btu/hr)	--	2.802	1.968
Boiler No. 7 or Boiler No. 8* (8.37 million Btu/hr)	0.468	4.691	3.286
Boiler No. 9 or Boiler No. 10* (9.97 million Btu/hr)	0.556	5.587	3.921
Removed Boiler No. 5 (1.67 million Btu/hr)	--	-2.2222	-0.6111

March 30, 2011

Mr. Paul E. Wise
Lexington Medical Center
2720 Sunset Blvd.
West Columbia, SC 29169-4810

Re: Renewal of Coverage to Operate Under the Terms and Conditions of the General Conditional Major Operating Permit for Fuel Combustion Operations No. GCM-1560-0055 for Lexington Medical Center at 2720 Sunset Blvd., West Columbia, SC 29169-4810.

Dear Mr. Wise:

Enclosed is a renewed General Conditional Major Operating Permit for Fuel Combustion Operations No. GCM-1560-0055 that will become effective on April 01, 2011. The federally enforceable emissions limitations and operational requirements contained within this General Conditional Major Operating Permit are designed to restrict this facility's potential to emit to below major source thresholds. This renewed General Conditional Major Operating Permit will be valid through March 31, 2021.

Please be advised that reports required under the terms and conditions of this renewed Conditional Major Operating Permit must be completed and submitted in a timely manner in accordance with the periodic reporting schedule found in Part 4.B of this permit. The Department has developed an Excel spreadsheet that may help you in maintaining "Fuel Usage Records for General Conditional Major Operating Permit Reporting," which can be found at the following web site address:

http://www.scdhec.gov/environment/baq/docs/permitting/GPermitApps/GCMP_Fuel_Worksheet.xls

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Alyson M. Hayes of my staff, via e-mail at hayesam@dhec.sc.gov, or call 803-898-3836 immediately.

Pursuant to the South Carolina Administrative Procedures Act, any Department decision involving the issuance, denial, suspension, or revocation of a permit or certification may be appealed by the applicant, permittee, licensee, or affected person. Please see the enclosed "Notice of Appeal Procedure" for guidelines on filing an appeal.

Sincerely,



Elizabeth J. Basil
Director, Engineering Services Division
Bureau of Air Quality

EJB:amh:drc

Enclosure

cc: Benjamin R Buchanan, Region 3, Columbia EQC Office
Permit File: 1560-0055