

ATTACHMENT A

Facility Information

Roper Hospital

GCM-0560-0046

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A - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Control Devices	Fuels Used	Installation Date	Modification Date	Emission Point ID
B1	31.5 Million BTU/hr CB 400-750 Fire Tube Boiler	None	Natural Gas No. 2 Fuel Oil ($\leq 0.5\%$ sulfur content by weight)	1988	None	S-01 Boiler 1
B2	31.5 Million BTU/hr CB 400-750 Fire Tube Boiler	None	Natural Gas No. 2 Fuel Oil ($\leq 0.5\%$ sulfur content by weight)	1988	None	S-02 Boiler 2

B - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
EX-G1	1818 HP (1355 kW) CAT 3512 Diesel Emergency Generator	01-31-2001	None	SC Regulation 61-62.1, Section II(B)(2)(f)
EX-G2	1818 HP (1355 kW) CAT 3512 Diesel Emergency Generator	01-31-2001	None	SC Regulation 61-62.1, Section II(B)(2)(f)
EX-G3	1818 HP (1355 kW) CAT 3512 Diesel Emergency Generator	03-29-2006	None	SC Regulation 61-62.1, Section II(B)(2)(f)
EX-G4	130 HP (100 kW) Onan Diesel Emergency Generator	08-24-1987	None	SC Regulation 61-62.1, Section II(B)(2)(f)
EX-FP1	109 HP (81 kW) Cummins 6BTA5.9-G3 Diesel Fire Pump	08-09-2008	None	SC Regulation 61-62.1, Section II(B)(2)(f)
EX-Tank 1	20,000 Gallon No. 2 Fuel Oil Storage Tank	1984	None	SC Regulation 61-62.1, Section II(B)(2)(h)
EX-Tank 2	2,000 Gallon Diesel Storage Tank	2003	None	SC Regulation 61-62.1, Section II(B)(2)(h)
EX-Tank 3	15,000 Gallon No. 2 Fuel Oil Storage Tank	01-31-2001	None	SC Regulation 61-62.1, Section II(B)(2)(h)
EX-Tank 4	15,000 Gallon No. 2 Fuel Oil Storage Tank	01-31-2001	None	SC Regulation 61-62.1, Section II(B)(2)(h)
EX-Tank 5	4,000 Gallon Diesel Storage Tank	2003	None	SC Regulation 61-62.1, Section II(B)(2)(h)

C - CONDITIONS

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
None	None	None	None

ATTACHMENT B

Modeled Emission Rates

Roper Hospital

GCM-0560-0046

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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.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2				
Emission Point ID	Modeled Emission Rates (lbs/hr)			
	PM₁₀	SO₂	NO₂	CO
S-01 - Boiler 1	0.240	1.598	4.50	2.646
S-02 - Boiler 2	0.240	1.598	4.50	2.646

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7			
Emission Point ID	Modeled Emission Rates (lbs/hr)		
	PM₁₀	SO₂	NO₂
S-01 - Boiler 1	0.240	1.598	4.50
S-02 - Boiler 2	0.240	1.598	4.50

March 30, 2011

Mr. David Provenzano
Roper Hospital
316 Calhoun St.
Charleston, SC 29401-1125

Re: Renewal of Coverage to Operate Under the Terms and Conditions of the General Conditional Major Operating Permit for Fuel Combustion Operations No. GCM-0560-0046 for Roper Hospital at 316 Calhoun St., Charleston, SC 29401-1125.

Dear Mr. Provenzano:

Enclosed is a renewed General Conditional Major Operating Permit for Fuel Combustion Operations No. GCM-0560-0046 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: Wendy M Boswell, Region 7, Charleston EQC Office
Permit File: 0560-0046