

ATTACHMENT A

Facility Information

Self Regional Healthcare

GCM-1240-0028

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D - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Control Devices	Fuels Used	Installation Date	Modification Date	Emission Point ID
B1	38.0 million BTU/hr B&W Boiler	None	Natural Gas No. 2 Fuel Oil (0.05% sulfur)	1977	N/A	EP01
B2	38.0 million BTU/hr B&W Boiler	None	Natural Gas No. 2 Fuel Oil (0.05% sulfur)	1977	N/A	EP02
E06	Ethylene Oxide Sterilizer	None	None	2006	N/A	N/A

N/A – Not Applicable

E - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
Hoods	Eight laboratory exhaust hoods (Chemistry (1), cytology (1), nuclear med. (1), occupational therapy (1), radiation therapy (1), and bacteriology (3))	1977	None	SC Regulation 61-62.1, Section II(B)(2)(e)
K	30,000 gallon No. 2 fuel oil storage tank for Boiler #1	1977	None	SC Regulation 61-62.1, Section II(B)(2)(h)
L	30,000 gallon No. 2 fuel oil storage tank for Boiler #2	1977	None	SC Regulation 61-62.1, Section II(B)(2)(h)
Boiler #4	0.808 million BTU/hr Peerless Boiler fired on natural gas	1999	None	SC Regulation 61-62.1, Section II(B)(2)(a)
Generator #1	800 kW diesel fired emergency generator	2002	None	SC Regulation 61-62.1, Section II(B)(2)(f)
Generator #2	800 kW diesel fired emergency generator	2002	None	SC Regulation 61-62.1, Section II(B)(2)(f)
Generator #3	800 kW diesel fired emergency generator	2002	None	SC Regulation 61-62.1, Section II(B)(2)(f)
Generator #4	2,000 kW diesel fired emergency generator	2006	None	SC Regulation 61-62.1, Section II(B)(2)(f)
Q	0.264 million BTU/hr hot water heater	2006	None	SC Regulation 61-62.1, Section II(B)(2)(a)
R	10,000 gallon generator fuel oil tank	2006	None	SC Regulation 61-62.1, Section II(B)(2)(h)
S	6,000 gallon generator fuel oil tank (integral)	2006	None	SC Regulation 61-62.1, Section II(B)(2)(h)
T	1,000 gallon gasoline tank	2006	None	SC Regulation 61-62.1, Section II(B)(2)(h)
U	1,000 gallon diesel tank	2006	None	SC Regulation 61-62.1, Section II(B)(2)(h)
DRY #1	2.8 million Btu/hr natural gas (450 lb capacity) Ellis Whisper dryer (model 7673) with in-line single stage dry lint filter	2002	None	SC Regulation 61-62.1, Section II(B)(2)(h)

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E - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
DRY #2	2.8 million Btu/hr natural gas (450 lb capacity) Ellis Whisper dryer (model 7673) with in-line single stage dry lint filter	2002	None	SC Regulation 61-62.1, Section II(B)(2)(h)
DRY #3	2.8 million Btu/hr natural gas (450 lb capacity) Ellis Whisper dryer (model 7673) with in-line single stage dry lint filter	2002	None	SC Regulation 61-62.1, Section II(B)(2)(h)
WTHT	4.5 million Btu/hr natural gas Ludell DC 4500 direct contact water heater	2002	None	SC Regulation 61-62.1, Section II(B)(2)(h)
Continental/Girbau	Three (3) 0.25 million Btu/hr natural gas Continental/Girbau 110lb standard dryers each with one (1) common lint filter	2002	None	SC Regulation 61-62.1, Section II(B)(2)(h)
Kitchen Area Vent Hood (Item K-78)	0.12 million Btu/hr natural gas Blodgett DFG-200 Convection Oven (K-77), 0.07 million Btu/hr natural gas Groen DH-20, (20 gallon) Steam Kettle (K-99), 0.06 million Btu/hr natural gas Jade JMRH-2-A Two Burner Range (K-100), 0.17 million Btu/hr natural gas Fevent 626U Rack Oven (K-82)	2002	None	SC Regulation 61-62.1, Section II(B)(2)(h)
Kitchen Area vent hood (Item K-102)	Two (2) 0.12 million Btu/hr natural gas Blodgett DFG-200 Convection Ovens (K-98), 0.087 million Btu/hr natural gas Wolf Range FS-SCB-36 Char Broiler (K-94), 0.244 million Btu/hr natural gas Frymaster FP 247 Fryer (K-93), 0.09 million Btu/hr natural gas Vulcan-Hart 936 A Griddle (K-92), 0.21 million Btu/hr natural gas Wolf Range KFG-6J-27 Open Burner Range (K-88)	2002	None	SC Regulation 61-62.1, Section II(B)(2)(h)
ID 04	8.165 million Btu/hr Cleaver Brooks (model C.B. – LE) Laundry/Kitchen 200 hp, Steam Boiler (previously covered under permit number 1240-0101)	2002	None	SC Regulation 61-62.1, Section II(B)(2)(a)
ID 05	8.165 million Btu/hr Cleaver Brooks (model C.B. – LE) Laundry/Kitchen 200 hp, Steam Boiler (previously covered under permit number 1240-0101)	2002	None	SC Regulation 61-62.1, Section II(B)(2)(a)
ID 06	Ludell SGHA waste heat scavenger water heater (previously covered under permit number 1240-0101)	2002	None	SC Regulation 61-62.1, Section II(B)(2)(h)

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F - CONDITIONS

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

ATTACHMENT B

Modeled Emission Rates

Self Regional Healthcare

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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.

Emission Point ID	Modeled Emission Rates (lbs/hr)			
	CO	Lead	HF	NO ₂
Boiler #1	3.1920	--	--	5.429
Boiler #2	3.1920	--	--	5.429
Boiler #4	0.0680	--	--	--

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7				
Emission Point ID	Modeled Emission Rates (lbs/hr)			
	PM _{2.5}	PM ₁₀	SO ₂	NO _x
Boiler #1	0.8957	0.8957	--	--
Boiler #2	0.8957	0.8957	--	--
Boiler #4	0.0137	0.0137	0.4100	0.0810

TOXIC AIR POLLUTANTS MODELED - STANDARD NO. 8	
Emission Point ID	Modeled Emission Rates (lbs/hr)
	Ethylene Oxide 75-21-8
Ethylene Oxide Sterilizer E06	0.0182

June 29, 2011

James Kelly
Self Regional Healthcare
1325 Spring Street
Greenwood, SC 29646-3875

Re: Renewal of Coverage to Operate Under the Terms and Conditions of the General Conditional Major Operating Permit for Fuel Combustion Operations No. GCM-1240-0028 for Self Regional Healthcare.

Dear Mr. Kelly:

Enclosed is a renewed General Conditional Major Operating Permit for Fuel Combustion Operations No. GCM-1240-0028 that became 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.

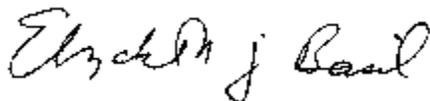
Please be advised that a new periodic reporting period begins upon the effective date of this renewed permit. Abbreviated periodic reports shall be completed and submitted in accordance with the previous permit's conditions and shall cover the interim period between the previous permit reporting period and the renewed permit reporting period. 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/Fuel_Record_Reporting_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:SHB:AMH:KAL

Enclosure

cc: Mark Harvley, Region 1, Greenwood EQC Office
Permit File: 1240-0028