

## ATTACHMENT - FACILITY INFORMATION

**Sanders Brothers Construction Co., Inc. – North Charleston Plant**  
**GCM-9900-0234**  
**Page 1 of 2**

### APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

### FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 1981 Harley Street  
 CITY, STATE, ZIP: North Charleston, SC 29406  
 COUNTY: Charleston

### ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	500 TPH Drum Mix Asphalt Plant	1996 (2005)	BH
DB	150 million BTU/hr Dryer Burner	1996	BH
LS	Lime Silo	1996	BV
HOH	2.82 million BTU/hr Hot Oil Heater	1996	None

### FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	150 million BTU/hr Dryer Burner	LPG Propane	N/A
		Natural Gas	N/A
		No. 2 Fuel Oil	0.5
HOH	2.82 million BTU/hr Hot Oil Heater	LPG Propane	N/A
		No. 2 Fuel Oil	0.5

### CONTROL DEVICES

Control Device ID	Control Device Description	Installation / Modification Date	Pollutants Controlled
BH	Pulse Jet Baghouse	2015	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
BV	Bin Vent Baghouse	1996	PM, PM <sub>10</sub> , PM <sub>2.5</sub>

### TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
LAT-1	Liquid Asphalt Tank	30,000	1996
LAT-2	Liquid Asphalt Tank	15,000	2015
PRT	LPG Propane Tank	30,000	1996

## ATTACHMENT - FACILITY INFORMATION

**Sanders Brothers Construction Co., Inc. – North Charleston Plant**  
**GCM-9900-0234**  
**Page 2 of 2**

### OTHER EQUIPMENT - RESERVED

### FACILITY SPECIFIC CONDITIONS

The facility must comply with the General Conditional Major Operating Permit for Asphalt Plants and any additional conditions listed in this section.

Condition Number	Equipment ID	Conditions
1.	HOH	The 2.82 million Hot Oil Heater is limited to operating 12 hours per day when burning No. 2 Fuel Oil in order to comply with S.C. Regulation 61-62.5, Standard Nos. 2 and 7. On a daily basis, the owner or operator shall record the hours of operation of the Hot Oil Heater while burning No. 2 Fuel Oil. The owner/operator shall indicate, in its records, any dates when the facility does not burn No. 2 Fuel Oil in the Hot Oil Heater. Any increase in the allowable emission rate must be approved by the Department and may require re-modeling to demonstrate compliance with the above listed standards. Reports of the operating hours shall be submitted semiannually. This is a State Only requirement.

### RECORD OF REVISIONS

Revision Date	Description of Change
06/09/2014	Add virgin No. 2 Fuel Oil as an alternate fuel to burn in the aggregate dryer and hot oil heater and correct hot oil heater rating.
07/02/2014	Add No. 2 Fuel Oil modeling limit (condition 1).
03/13/2015	Update facility specific attachments; add LAT-2 (15,000 gallon liquid asphalt storage tank).
11/05/2015	Updated installation date of bin vent baghouse with like for like replacement.
12/02/2015	Updated installation date for Pulse Jet Baghouse that was replaced with a like for like and changed the installation date of the bin vent baghouse back to the original date of 1996 (this baghouse was not replaced).

**ATTACHMENT - EMISSION RATES FOR AMBIENT AIR STANDARDS**

**Sanders Brothers Construction Co., Inc. – North Charleston Plant  
GCM-9900-0234  
Page 1 of 1**

The emission rates listed herein are not considered 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).

<b>AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2</b>						
<b>Emission Point ID</b>	<b>Emission Rates (lbs/hr)</b>					
	<b>PM<sub>10</sub></b>	<b>PM<sub>2.5</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>Lead</b>
EP01	11.5	1.45	5.5000	27.5000	65.0	--
EP05	--	--	1.432 0.7159	0.3429	0.1976	--
Aggregates	1.6689	0.1446	--	--	--	--
EP01	--	--	--	--	--	0.0075
EP02A-EP04B	0.5539	0.5539	--	--	--	--
EP03	0.5500	0.5500	--	--	--	--
EP05	0.0408	0.0365	--	--	--	--

<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>						
<b>Emission Point ID</b>	<b>Emission Rates (lbs/hr)</b>					
	<b>Benzene 71-43-2</b>	<b>Cadmium 7440-43-9</b>	<b>Formaldehyde 50-00-0</b>	<b>Hexane 110-54-3</b>	<b>Mercury 743-997-6</b>	<b>Nickel 7440-02-0</b>
EP01	0.1950	0.000205	1.5500	0.4600	0.1950	0.0315
EP02A	0.0006	--	0.0140	0.0020	--	--
EP02B	0.0004	--	0.0006	0.0010	--	--
EP03A	0.0006	--	0.0140	0.0020	--	--
EP03B	0.0004	--	0.0006	0.0010	--	--
EP04A	0.0006	--	0.0140	0.0020	--	--
EP04B	0.0004	--	0.0006	0.0010	--	--

<b>TOXIC AIR POLLUTANTS - STANDARD NO. 8</b>		
<b>Emission Point ID</b>	<b>Emission Rates (lbs/hr)</b>	
	<b>Polycyclic Organic Matter</b>	<b>Toluene 108-88-3</b>
EP01	0.4424	1.4500
EP02A	0.0048	0.0012
EP02B	0.0034	0.0015
EP03A	0.0048	0.0012
EP03B	0.0034	0.0015
EP04A	0.0048	0.0012
EP04B	0.0034	0.0015