

ATTACHMENT - FACILITY INFORMATION

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APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 3176 Charleston Highway
CITY, STATE, ZIP: West Columbia, SC 29172
COUNTY: Lexington

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	2005	BH
DB	150 million BTU/hr Dryer Burner	1999	BH
LS	Lime Silo	1992	BV
HOH	1.26 million BTU/hr Hot Oil Heater	2005	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	150 million BTU/hr Dryer Burner	Natural Gas	N/A
		No. 2 Fuel Oil	0.5
		No. 4 Fuel Oil	1.5
		No. 5 Fuel Oil	2.0
		No. 5 Recycled Fuel Oil	2.0
HOH	1.26 million BTU/hr Hot Oil Heater	Natural Gas	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	2006	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1992	PM, PM ₁₀ , PM _{2.5}

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
FOT-1	No. 5 Recycled Fuel Oil Storage Tank	12,000	2007
LAST-1	Liquid Asphalt Cement Storage Tank No. 1	30,000	1985
LAST-2	Liquid Asphalt Cement Storage Tank No. 2	30,000	1985

OTHER EQUIPMENT - RESERVED

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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.	AP	<p>This facility is allowed to use non-asbestos containing, recycled asphalt shingles as aggregate. Use of asphalt shingles that are not "tear-off" shingles will not require asbestos testing.</p> <p>This facility is not allowed to accept and process materials containing asbestos of any type, either alone or mixed with other materials, in an amount greater than one percent as determined by using the method specified in 40 CFR 763 Appendix A, Subpart F, Section 1, as amended, or an accepted equivalent.</p> <p>If "tear-off" shingles are used, the facility shall follow the requirements as outlined in the August 11, 2011 memorandum "Tear-Off Asphalt Roofing Shingle Usage, Permitting/Asbestos Testing Protocol." Additionally, records shall be kept in accordance with the requirements outlined in the above protocol memorandum. Test results shall be submitted annually to the BAQ Asbestos Section.</p> <p align="center">SCDHEC – BAQ Asbestos Section 2600 Bull Street Columbia, SC 29201</p>

RECORD OF REVISIONS	
Revision Date	Description of Change
10-30-2013	<p>Revised exempt equipment by:</p> <p>(1) Removing 12,000 gallon No.2 Fuel Oil Storage Tank (EX-FOT-2), 2,000 gallon Asphalt Additive Storage Tank (EX-AAT), 6,000 gallon Liquid Asphalt Cement Storage Tank No.1 (EX-LAT-1), 30,000 gallon Liquid Asphalt Cement Storage Tank No.2 (EX-LAT-2) and 20,000 gallon Liquid Asphalt Cement Storage Tank No.3 (EX-LAT-3)</p> <p>(2) Adding 30,000 gallon Liquid Asphalt Cement Storage Tank No.1 (EX-LAST-2) and 30,000 gallon Liquid Asphalt Cement Storage Tank No.2 (EX-LAST-3)</p>
03-13-2015	Update facility specific attachments

ATTACHMENT - EMISSION RATES FOR AMBIENT AIR STANDARDS

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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).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2							
Emission Point ID	Emission Rates (lbs/hr)						
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead	HF
EP01-Dryer Baghouse Exhaust	11.50	1.45	29.00	27.50	65.00	--	--
Hot Oil Heater Exhaust	---	--	0.648	0.183	0.046	--	--
EP02A-Asphalt Silo 1Fill	0.018	6.50E-04	--	--	--	--	--
EP02B-Asphalt Silo 1 Loadout	--	3.60E-04	--	--	--	--	--
EP03A-Asphalt Silo 2	0.55	6.50E-04	--	--	--	--	--
EP03B-Asphalt Silo 2 Loadout	--	3.60E-04	--	--	--	--	--
EP04A-Asphalt Silo 3Fill	--	6.50E-04	--	--	--	--	--
EP04B-Asphalt Silo 3 Loadout	--	3.60E-04	--	--	--	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8						
Emission Point ID	Emission Rates (lbs/hr)					
	Acrolein 107028	Benzene 71432	Cadmium 7440439	Formaldehyde 50000	Hexane 110543	HCl 7647010
EP01-Dryer Baghouse Exhaust	0.013	0.195	2.05E-04	1.55	0.4692	0.105
EP02A-Asphalt Silo 1Fill	---	6.50E-04	---	0.01	6.50E-04	---
EP02B-Asphalt Silo 1 Loadout	---	3.60E-04	---	0.00	3.60E-04	---
EP03A-Asphalt Silo 2 Fill	---	6.50E-04	---	0.01	6.50E-04	---
EP03B-Asphalt Silo 2 Loadout	---	3.60E-04	---	0.00	3.60E-04	---
EP04A-Asphalt Silo 3Fill	---	6.50E-04	---	0.01	6.50E-04	---
EP04B-Asphalt Silo 3 Loadout	---	3.60E-04	---	0.00	3.60E-04	---

TOXIC AIR POLLUTANTS - STANDARD NO. 8						
Emission Point ID	Emission Rates (lbs/hr)					
	Mercury 7439976	Nickel 7440020	POM	Propionaldehyde 123386	Quinone 106514	Toluene 108883
EP01-Dryer Baghouse Exhaust	0.0013	0.0315	0.44241	0.065	0.08	1.49
EP02A-Asphalt Silo 1Fill	---	---	0.00483	---	---	0.001
EP02B-Asphalt Silo 1 Loadout	---	---	0.00337	---	---	0.001
EP03A-Asphalt Silo 2 Fill	---	---	0.00483	---	---	0.001
EP03B-Asphalt Silo 2 Loadout	---	---	0.00337	---	---	0.001
EP04A-Asphalt Silo 3Fill	---	---	0.00483	---	---	0.001
EP04B-Asphalt Silo 3 Loadout	---	---	0.00337	---	---	0.001