

ATTACHMENT - FACILITY INFORMATION

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APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 900 Hawkfield Road
CITY, STATE, ZIP: Rock Hill, SC 29730
COUNTY: York

ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	250 TPH Batch Mix Asphalt Plant	1972	BH
DB	96.8 million BTU/hr Dryer Burner	1972	BH
LS	Lime Silo	1992	BV
HOH	2.0 million BTU/hr Hot Oil Heater	N/A	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	96.8 million BTU/hr Dryer Burner	Natural Gas	N/A
		No. 2 Fuel Oil	0.5
		Recycled No. 2 Fuel Oil	0.5
		No. 4 Fuel Oil	1.5
		Recycled No. 5 Fuel Oil	2.0
HOH	2.0 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	1972	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
AAT	Asphalt Additive Storage Tank	2,000	1982
FOT-1	No. 2 Fuel Oil Storage Tank	20,000	1995
FOT-2	No. 5 Recycled Fuel Oil Storage Tank	20,000	2006
LAT-1	Liquid Asphalt Storage Tank No. 1	30,000	1975
LAT-2	Liquid Asphalt Storage Tank No. 2	30,000	1975

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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.	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 style="text-align: center;">SCDHEC – BAQ Asbestos Section 2600 Bull Street Columbia, SC 29201</p>

RECORD OF REVISIONS	
Revision Date	Description of Change
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
Baghouse Exhaust-EP01A	6.75	-	22.00	30.0	100.00	-	-
Hot Oil Heater Exhaust EP01B1	0.007	-	--	0.072	0.018	-	-
Hot Oil Heater Exhaust-EP0182	0.007	-	--	0.072	0.018	-	-
Hot Oil heater emissions-EP0B2	0.008	-	1.014	0.100	0.084	-	-

TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Beryllium	Cadmium	Formaldehyde	Nickel
	744-04-17	744-04-39	50-00-0	744-00-20
EP01A-Dryer Baghouse Exhaust	0.000	0.000	0.185	0.001
EP01C1	-	-	0.0105	-
EP01C2	-	-	0.00045	-
EP01D1	-	-	0.0105	-
EP01D2	-	-	0.00045	-

TOXIC AIR POLLUTANTS - STANDARD NO. 8			
Emission Point ID	Emission Rates (lbs/hr)		
	POM		Quinone
	-		106514
EP01A-Dryer Baghouse Exhaust	0.028		0.0675
EP01C1	0.0036		-
EP01C2	0.0025		-
EP01D1	0.0036		-
EP01D2	0.0025		-

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS Number	Facility Wide Emission Rates (lbs/day)
Acetaldehyde	75-07-0	1.92
Benzene	71-43-2	1.68
Ethylbenzene	100-41-4	13.2
Formaldehyde	50-00-0	4.44
Quinone	106-51-4	1.62
Toluene	108-88-3	6.00
Xylene	1330-20-7	16.2
2-Methylnaphthalene	91-57-6	0.427
Acenaphthene	83-32-9	0.005

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TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS Number	Facility Wide Emission Rates (lbs/day)
Acenaphthylene	208-96-8	0.083
Anthracene	120-12-7	0.000
Benzo(a)anthracene	56-55-3	0.000
Benzo(a)pyrene	50-32-8	0.000
Benzo(b)fluoranthene	205-99-2	0.000
Benzo(g,h,i)perylene	191-24-2	0.000
Benzo(k)fluoranthene	207-08-9	0.000
Chrysene	218-01-9	0.000
Dibenz(a,h)anthracene	53-70-3	0.000
Fluoranthene	206-44-0	0.001
Fluorene	86-73-7	0.010
Indeno(1,2,3-cd)pyrene	193-39-5	0.000
Naphthalene	91-20-3	0.216
Phenanthrene	85-01-8	0.016
Pyrene	129-00-0	0.000