

ATTACHMENT - FACILITY INFORMATION

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APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 2071 W. Frontage Road
CITY, STATE, ZIP: Ridgeland, SC 29936
COUNTY: Jasper

ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	350 TPH Drum Mix Asphalt Plant	1995	BH
DB	93 million BTU/hr Dryer Burner	1995	BH
LS	Lime Silo	1991	BV
HOH	1.251 million BTU/hr Hot Oil Heater	2000	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	93 million BTU/hr Dryer Burner	No. 2 Fuel Oil	0.5
		No. 5 Recycled Fuel Oil	2.0
HOH	1.251 million BTU/hr Hot Oil Heater	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	1995	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1991	PM, PM ₁₀ , PM _{2.5}

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
FOT-1	No. 5 Recycled Fuel Oil Storage Tank	25,000	2006
FOT-2	No. 2 Fuel Oil Storage Tank	20,000	2006
VACT-1	Vertical Asphalt Cement Storage Tank No. 1	30,000	2012
VACT-2	Vertical Asphalt Cement Storage Tank No. 2	30,000	2012

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 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)						
	PM₁₀	PM_{2.5}	SO₂	NO_x	CO	Lead	HF
Asphalt Dryer Exhaust (Production)	8.050	1.015	20.30	19.250	45.500	0.0053	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Acrolein 107-02-8	Benzene 71-43-2	Cadmium 744-043-9	Formaldehyde 50-00-0
Aggregate Drum Mix Asphalt Plant	9.10E-03	0.1386	1.44E-04	1.1157

TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	Mercury 743-997-6	Nickel 744-002-0	POM	Propionaldehyde 123-38-6
Aggregate Drum Mix Asphalt Plant	9.10E-04	0.0221	3.27E-01	4.55E-02

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Emission Point ID	Emission Rates (lbs/hr)	
	Quinone 106-51-4	Toluene 108-88-3
Aggregate Drum Mix Asphalt Plant	5.60E-02	1.0207

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rate (lbs/day)
Acetaldehyde	75-07-0	10.920
Arsenic	744-038-2	0.005
Carbon Disulfide	75-15-0	0.021
Cobalt		0.000
Cumene	98-82-8	0.038
Ethylbenzene	100-41-4	2.153
Ethyl Chloride	75-00-3	0.004
Hexane	110-54-3	7.883
Hexavalent Chromium	1854-029-9	0.004
Hydrochloric Acid	7467-01-0	1.764
Manganese	743-996-5	0.065
Methyl Bromide	74-83-9	0.008
Methyl Chloride	74-87-3	0.029

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TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rate (lbs/day)
Methyl Chloroform	71-55-6	0.403
Methylene Chloride	75-09-2	0.000
Methyl Ethyl Ketone	78-93-3	0.225
Napthalene	91-20-3	5.535
Selenium		0.003
Styrene	100-42-5	0.008
Tetrachlorinated Dibenzo-p-dioxins (2,3,7,8-TCDD)	1746-01-6	0.000
Tetrachloroethene	127-18-4	0.003
2,2,4-Trimethylpentane	540-84-1	0.338
Xylene	1330-20-7	2.028
o-Xylene	95-47-6	0.086