

ATTACHMENT - FACILITY INFORMATION

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APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: McGee Road (S-4-62)
CITY, STATE, ZIP: Anderson, SC 29624
COUNTY: Anderson

ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	300 TPH Drum Mix Asphalt Plant	1989	BH
DB	75 million BTU/hr Dryer Burner	2006	BH
LS	Lime Silo	1989	BV
AS01	Duplex 200 ton Asphalt Silo	2015	EP03A/EP03B
AS02	Duplex 200 ton Asphalt Silo	2015	EP03A/EP03B
HOH-1	1.25 million BTU/hr Hot Oil Heater	2001	None
HOH-2	2.0 million BTU/hr Hot Oil Heater	N/A	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	75 million BTU/hr Dryer Burner	Natural Gas	N/A
		No. 2 Fuel Oil	0.5
HOH-1	1.25 million BTU/hr Hot Oil Heater	Natural Gas	N/A
		No. 2 Fuel Oil	0.5
HOH-2	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	2004	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
AST	Antistriper Storage Tank	2,000	1997
FOT-1	No. 2 Fuel Oil Storage Tank	1,500	1997
FOT-2	No. 2 Fuel Oil Storage Tank	10,000	2001
LAT-1	Liquid Asphalt Storage Tank	20,000	2001

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TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
LAT-2	Liquid Asphalt Storage Tank	30,000	1997

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
09-23-2015	Transfer of ownership from Ashmore Bros., Inc. to Rogers Group, Inc.
12-15-2015	Incorporation of 85 ton lime silo replacement with duplex 200 ton lime silos. Updated equipment ID LS description from Lime Silo to duplex 200 ton lime silos. The installation date has been replaced with 2015. Modeling attachments are updated.
01-21-2016	Error was made during 12-15-2015 update, the facility was not replacing lime silo. They were replacing asphalt silos. Added lime silo, and two new asphalt silos into equipment table.

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
EP01	6.900	0.87	3.300	16.500	39.000	0.0045
Aggregate (fugitives)	1.0810	0.0906	--	--	--	--
EP02	0.0213	0.0190	0.6339	0.1786	0.1029	--
EP02A/B	0.1661	0.1661	--	--	0.3688	--
EP03A/B	0.1661	0.1661	--	--	0.3688	--
EP05	0.550	0.550	--	--	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8					
Emission Point ID	Emission Rates (lbs/hr)				
	Benzene 71-43-2	Formaldehyde 50-00-0	Mercury 7439-97-6	Nickel 7440-02-0	POM
EP01	0.117	0.930	7.8E-04	0.0189	0.26544
EP04A	5.85E-04	1.26E-02	--	--	4.35E-03
EP04B	3.24E-04	5.49E-04	--	--	3.04E-03
EP05A	5.85E-04	1.26E-02	--	--	4.35E-03
EP05B	3.24E-04	5.49E-04	--	--	3.04E-03

TOXIC AIR POLLUTANTS - STANDARD NO. 8					
Emission Point ID	Emission Rates (lbs/hr)				
	Benzene 71-43-2	Formaldehyde 50-00-0	Mercury 7439-97-6	Nickel 7440-02-0	Polycyclic Organic Matter N/A
EP02A	0.000585	0.01262	--	--	0.004345
EP02B	0.000324	0.000549	--	--	0.003035
EP03A	0.000585	0.01262	--	--	0.004345
EP03B	0.000324	0.000549	--	--	0.003035
EP01	0.117	0.930	0.00078	0.0189	0.2654

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Arsenic	7440-38-2	0.004
Cadmium	7440-43-9	0.003
Carbon Disulfide	75-15-0	0.018
Chromium(+6) Compounds	N/A	0.003
Cobalt Compounds	N/A	0.000
Cumene	98-82-8	0.033

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TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Ethyl Chloride	75-00-3	0.004
Ethyl Benzene	100-41-4	1.845
Hexane	110-54-3	6.757
Manganese Compounds	N/A	0.055
Methyl Bromide	74-83-9	0.007
Methyl Chloride	74-87-3	0.025
Methyl Chloroform	71-55-6	0.346
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.049
Methylene Chloride	75-09-2	0.000
Naphthalene	91-20-3	4.744
Phenol	108-95-2	0.029
Selenium Compounds	N/A	0.003
Styrene	100-42-5	0.007
Tetrachlorinated Dibenzo-p-dioxins (2,3,7,8-TCDD)	1746-01-6	0.000
Tetrachloroethylene (Tetrachloroethene)	127-18-4	0.002
2,2,4-Trimethylpentane (Isooctane)	540-84-1	0.289
Toluene	108-88-3	20.997
Xylene	1330-20-7	1.738
o-Xylene	95-47-6	0.074