

ATTACHMENT - FACILITY INFORMATION

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APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 1550 E. Campground Road
CITY, STATE, ZIP: Florence, SC 29506
COUNTY: Florence

ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	400 TPH Drum Mix Asphalt Plant	1993	BH
DB	120 million BTU/hr Dryer Burner	1993	BH
LS	Lime Silo	1993	BV
HOH	1.25 million BTU/hr Hot Oil Heater	2006	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	120 million BTU/hr Dryer Burner	Natural Gas	--
		No. 2 Fuel Oil	0.5
		Recycled No. 4 Fuel Oil	1.5
HOH	1.25 million BTU/hr Hot Oil Heater	Natural Gas	--
		No. 2 Fuel Oil	0.5
		Recycled No. 4 Fuel Oil	1.5

CONTROL DEVICES

Control Device ID	Control Device Description	Installation / Modification Date	Pollutants Controlled
BH	Pulse Jet Baghouse	1993	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	2005	PM, PM ₁₀ , PM _{2.5}

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
FOT-1	No. 2 Fuel Oil Tank	20,000	2006
FOT-2	No. 4 Fuel Oil Tank	15,000	2006
LAT-1	Liquid Asphalt Tank No. 1	25,000	2006
LAT-2	Liquid Asphalt Tank No. 2	25,000	2006

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.	All	While located at the same site as the concrete batch plant permitted under 9900-0576 (1550 E. Campground Road, Florence), asphalt production from this plant is limited to 1,000,000 tons per year (ton/yr) on a 12-month rolling sum.

RECORD OF REVISIONS

Revision Date	Description of Change
11-17-2014	Update permit to reflect co-location with the C.R. Jackson, Inc. concrete batch plant permitted under 9900-0576.
03-13-2015	Update facility specific attachments.
04-21-2015	Added Natural Gas as a type of fuel that will be used.

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	9.200	1.160	23.200	22.000	52.000	--	--

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	Mercury 743-997-6	Nickel 744-002-0
EP01	0.010	0.156	0.0002	1.240	0.001	0.025
EP02A	--	0.0005	--	0.0112	--	--
EP02B	--	0.0003	--	0.0005	--	--
EP03A	--	0.0005	--	0.0112	--	--
EP03B	--	0.0003	--	0.0005	--	--
EP04A	--	0.0005	--	0.0112	--	--
EP04B	--	0.0003	--	0.0005	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8			
Emission Point ID	Emission Rates (lbs/hr)		
	POM varies	Quinone 106-51-4	Toluene 108-88-3
EP01	0.354	0.064	1.160
EP02A	0.0039	--	0.0010
EP02B	0.0027	--	0.0012
EP03A	0.0039	--	0.0010
EP03B	0.0027	--	0.0012
EP04A	0.0039	--	0.0010
EP04B	0.0003	--	0.0012

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Acetaldehyde	75-07-0	12.480
Arsenic	744-038-2	0.005
Carbon Disulfide	75-15-0	0.024
Cobalt	744-048-4	2.50E-04
Cumene	98-82-8	0.044
Ethyl Chloride	75-00-3	0.005
Ethylbenzene	100-41-4	2.460
Hexane	110-54-3	9.009

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TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Hexavalent chromium	1854-029-9	0.004
Hydrochloric Acid	7467-01-0	2.016
Manganese	743-996-5	0.074
MEK	78-93-3	0.257
Propionaldehyde	123-38-6	1.248
Selenium	778-249-2	0.003
Styrene	100-42-5	0.009
2,3,7,8-TCDD	1746-01-6	2.02E-09
Tetrachloroethene	127-18-4	0.003
2,2,4-Trimethylpentane	540-84-1	0.385
o-Xylene	95-47-6	0.099
Xylene	1330-20-7	2.318