

ATTACHMENT - FACILITY INFORMATION

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APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 4016 Hwy 321
CITY, STATE, ZIP: Gaston, SC 29053
COUNTY: Lexington

ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

Equipment ID	Equipment Description	Installation / Modification Date	Control Device ID
AP	175 TPH Batch Mix Asphalt Plant	1974	BH
DB	75 million BTU/hr Dryer Burner	2003	BH
LS	Lime Silo	1993	BV
HOH	0.5 million BTU/hr Hot Oil Heater	2006	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	75 million BTU/hr Dryer Burner	No. 2 Fuel Oil	0.5
		No. 4 Specification Oil	1.5
HOH	0.5 million BTU/hr Hot Oil Heater	No. 2 Fuel Oil	0.5

CONTROL DEVICES

Control Device ID	Control Device Description	Installation / Modification Date	Pollutants Controlled
BH	Pulse Jet Baghouse	1974	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1993	PM, PM ₁₀ , PM _{2.5}

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
FOT	No. 2 Recycled Fuel Oil Storage Tank	10,000	1967
LAT	Liquid Asphalt Storage Tank	20,000	1967

OTHER EQUIPMENT - RESERVED

FACILITY SPECIFIC CONDITIONS - RESERVED

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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
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 Number	Facility Wide Emission Rates (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 Number	Facility Wide Emission Rates (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