

ATTACHMENT - FACILITY INFORMATION

Sloan Construction Company, Inc. – Duncan Plant GCM-9900-0115 Page 1 of 2

APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 235 Plemmons Road
CITY, STATE, ZIP: Duncan, SC 29334
COUNTY: Spartanburg

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	1998	BH
DB	117 million BTU/hr Dryer Burner	1998	BH
LS	Lime Silo	1994	BV
HOH	1.2 million BTU/hr Hot Oil Heater	2007	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	117 million BTU/hr Dryer Burner	Natural Gas	N/A
		No. 2 Fuel Oil	0.5
		No. 4 Recycled Fuel Oil	1.5
		Barometric Oil	N/A
HOH	1.2 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	1998	PM, PM ₁₀ , PM _{2.5}
BV	Bin Vent Baghouse	1994	PM, PM ₁₀ , PM _{2.5}

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
FOT-1	No. 2 Fuel Oil Storage Tank	10,000	2002
FOT-2	Recycled No. 4 Fuel Oil Storage Tank	30,000	2007
LAT-1	Liquid Asphalt Storage Tank	30,000	2007
LAT-2	Liquid Asphalt Storage Tank	30,000	2007
LAT-3	Liquid Asphalt Storage Tank	20,000	2007

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
Hot Mix Asphalt Plant (Baghouse Exhaust)	9.20	1.16	23.2	22.00	52.00	--	--

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	
Drum Hot Mix Asphalt Production	1.04E-02	1.58E-01	1.64E-04	1.28E+00	1.04E-03	2.52E-02	

TOXIC AIR POLLUTANTS - STANDARD NO. 8				
Emission Point ID	Emission Rates (lbs/hr)			
	POMs Totals	Propionaldehyde 123-38-6	Quinone 106-51-4	Toluene 108-88-3
Drum Hot Mix Asphalt Production	3.74E-01	3.90E-02	6.40E-02	1.1665

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	0.000
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
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
Methyl Bromide	74-83-9	0.010
Methyl Chloride	74-87-3	0.033
Methyl chloroform	71-55-6	0.461
Methylene Chloride	75-09-2	0.000
Naphthalene	91-20-3	6.325
Phenol	108-95-2	0.039
Selenium	778-249-2	0.003

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TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Styrene	100-42-5	0.009
2, 3, 7, 8-Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000
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