

ATTACHMENT - FACILITY INFORMATION

Sloan Construction Company, Inc. – Pacolet Plant GCM-9900-0091 Page 1 of 2

APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 230 Hwy 176 Bypass
CITY, STATE, ZIP: Pacolet, SC 29372
COUNTY: Spartanburg

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	1987	BH
DB	100 million BTU/hr Dryer Burner	2003	BH
LS	Lime Silo	1989	BH
HOH	2.1 million BTU/hr Hot Oil Heater	2005	None

FUEL FIRED SOURCES

Equipment ID	Equipment Description	Fuels	Maximum Sulfur Content (%)
DB	100 million BTU/hr Dryer Burner	Natural Gas	N/A
		Recycled No. 4 Fuel Oil	1.5
HOH	2.1 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	2003	PM, PM ₁₀ , PM _{2.5}

TANKS

Tank ID	Tank Description	Capacity (Gallons)	Installation Date
APST	Asphalt Polymer Storage Tank	20,000	2007
FOT-1	No. 2 Fuel Oil Storage Tank	2,000	2007
FOT-2	No. 2 Fuel Oil Storage Tank	20,000	2007
LAST	Liquid Asphalt Storage Tank	6,000	2006

OTHER EQUIPMENT

Equipment ID	Equipment Description	Installation / Modification Date	Control Device Description
RAPS	50 TPH Recycled Asphalt Pavement System	2006	None

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FACILITY SPECIFIC CONDITIONS - RESERVED

RECORD OF REVISIONS	
Revision Date	Description of Change
03-13-2015	Update facility specific attachments
07-15-2016	Correct a typographical error. Removed binvent (BV) from lime silo control device description, it is routed to the baghouse (BH). Removed Binvent from control device table. Removed HF from ambient air standards 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
Drum Hot Mix Asphalt Production (Baghouse Exhaust)	6.93	--	17.40	16.50	39.00	--
Hot Oil Heater	--	--	1.12	--	--	--

TOXIC AIR POLLUTANTS - STANDARD NO. 8						
Emission Point ID	Emission Rates (lbs/hr)					
	Acrolein 107-02-8	Benzene 71-43-2	Formaldehyde 50-00-0	Mercury 743-997-6	Nickel 744-002-0	POMs Totals
Drum Hot Mix Asphalt Production	7.80E-03	1.19E-01	9.56E-01	7.80E-04	1.89E-02	2.80E-01

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Emission Point ID	Emission Rates (lbs/hr)	
	Propionaldehyde 123-38-6	Quinone 106-51-4
Drum Hot Mix Asphalt Production	3.90E-02	4.80E-02

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Acetaldehyde	75-07-0	9.360
Arsenic	744-038-2	0.004
Cadmium	744-043-9	0.003
Carbon Disulfide	75-15-0	0.018
Cobalt	744-048-4	0.000
Cumene	98-82-8	0.033
Ethyl Chloride	75-00-3	0.004
Ethylbenzene	100-41-4	1.845
Hexane	110-54-3	6.757
Hexavalent chromium	1854-029-9	0.003
Hydrochloric Acid	7467-01-0	1.512
Manganese	743-996-5	0.055
MEK	78-93-3	0.193
Methyl Bromide	74-83-9	0.007
Methyl Chloride	74-87-3	0.025
Methyl chloroform	71-55-6	0.346
Methylene Chloride	75-09-2	0.000

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TOXIC AIR POLLUTANTS - STANDARD NO. 8		
Pollutant	CAS #	Facility Wide Emission Rates (lbs/day)
Naphthalene	91-20-3	4.744
Phenol	108-95-2	0.029
Selenium	778-249-2	0.003
Styrene	100-42-5	0.007
2, 3, 7, 8-Tetrachlorinated Dibenzo-p-dioxins	1746-01-6	0.000
Tetrachloroethene	127-18-4	0.002
Toluene	108-88-3	20.997
2,2,4-Trimethylpentane	540-84-1	0.289
o-Xylene	95-47-6	0.074
Xylene	1330-20-7	1.738