

ATTACHMENT - FACILITY INFORMATION

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APPLICABLE PERMIT DATES

COVERAGE DATE: August 5, 2013

FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 2585 Kennerly Road
CITY, STATE, ZIP: Orangeburg, SC 29115
COUNTY: Orangeburg

ASPHALT PLANT INFORMATION

40 CFR 60, SUBPART I APPLICABLE

| Equipment ID | Equipment Description | Installation / Modification Date | Control Device ID |
|--------------|------------------------------------|----------------------------------|-------------------|
| AP | 500 TPH Drum Mix Asphalt Plant | 2006 | BH |
| DB | 150 million BTU/hr Dryer Burner | 2006 | BH |
| LS | Lime Silo | 1992 | BV |
| HOH | 1.26 million BTU/hr Hot Oil Heater | 2006 | None |

FUEL FIRED SOURCES

| Equipment ID | Equipment Description | Fuels | Maximum Sulfur Content (%) |
|--------------|------------------------------------|-------------------------|----------------------------|
| DB | 150 million BTU/hr Dryer Burner | Natural Gas | N/A |
| | | No. 2 Fuel Oil | 0.5 |
| | | No. 4 Fuel Oil | 1.5 |
| | | No. 5 Fuel Oil | 2.0 |
| | | No. 5 Recycled Fuel Oil | 2.0 |
| HOH | 1.26 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 | 2006 | PM, PM ₁₀ , PM _{2.5} |
| BV | Bin Vent Baghouse | 1992 | PM, PM ₁₀ , PM _{2.5} |

TANKS

| Tank ID | Tank Description | Capacity (Gallons) | Installation Date |
|---------|--|--------------------|-------------------|
| AAT | Asphalt Additive Storage Tank | 2,000 | 1985 |
| FOT-1 | No. 5 Recycled Fuel Oil Storage Tank | 20,000 | 2006 |
| FOT-2 | No. 2 Fuel Oil Storage Tank | 12,000 | 2006 |
| LAT-1 | Liquid Asphalt Cement Storage Tank No. 1 | 6,000 | 1985 |
| LAT-2 | Liquid Asphalt Cement Storage Tank No. 2 | 30,000 | 2006 |

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TANKS

| Tank ID | Tank Description | Capacity (Gallons) | Installation Date |
|----------------|--|---------------------------|--------------------------|
| LAT-3 | Liquid Asphalt Cement Storage Tank No. 2 | 20,000 | 2006 |

OTHER EQUIPMENT

| Equipment ID | Equipment Description | Installation / Modification Date | Control Device Description |
|---------------------|---------------------------------------|---|-----------------------------------|
| RAPU | 225 TPH Reclaimed Asphalt Paving Unit | 2006 | None |

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 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 |

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 Plant (Baghouse) | 6.90 | -- | 17.40 | 16.50 | 39.00 | -- | -- |

| TOXIC AIR POLLUTANTS - STANDARD NO. 8 | | | | | | |
|---------------------------------------|-------------------------|--------------------|-------------------------|----------------------|---------------------|------------------------------|
| Emission Point ID | Emission Rates (lbs/hr) | | | | | |
| | Acrolein 107-02-0 | Benzene 71-43-2 | Formaldehyde 50-00-0 | Mercury 743-997-6 | Nickel 744-002-0 | Polycyclic Organic Matter |
| EP01: Asphalt Plant (Baghouse) | 0.0078 | 0.1170 | 0.9300 | 0.0008 | 0.0189 | 0.2650 |
| EP02A | -- | 0.0006 | 0.0084 | -- | -- | 0.0029 |
| EP02B | -- | 0.0002 | 0.0004 | -- | -- | 0.0020 |
| EP03A | -- | 0.0006 | 0.0084 | -- | -- | 0.0029 |
| EP03B | -- | 0.0002 | 0.0004 | -- | -- | 0.0020 |
| EP04A | -- | 0.0006 | 0.0084 | -- | -- | 0.0029 |
| EP04B | -- | 0.0002 | 0.0004 | -- | -- | 0.0020 |

| TOXIC AIR POLLUTANTS - STANDARD NO. 8 | | |
|---------------------------------------|-----------------------------|---------------------|
| Emission Point ID | Emission Rates (lbs/hr) | |
| | Propionaldehyde 123-38-6 | Quinone 106-51-4 |
| EP01: Asphalt Plant (Baghouse) | 0.0390 | 0.0480 |
| EP02A | -- | -- |
| EP02B | -- | -- |
| EP03A | -- | -- |
| EP03B | -- | -- |
| EP04A | -- | -- |
| EP04B | -- | -- |

| 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 |

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| TOXIC AIR POLLUTANTS - STANDARD NO. 8 | | |
|--|--------------|---|
| Pollutant | CAS # | Facility Wide Emission Rates (lbs/day) |
| Hexane | 110-54-3 | 6.757 |
| Hexavalent Chromium | 1854-029 | 0.003 |
| Hydrochloric Acid | 7467-01-0 | 1.512 |
| Manganese | 743-996-5 | 0.055 |
| Methyl Ethyl Ketone | 78-93-3 | 0.240 |
| Methyl Bromide | 74-83-9 | 0.014 |
| Methyl Chloride | 74-87-3 | 0.048 |
| Methyl Chloroform | 71-55-6 | 0.346 |
| Methylene Chloride | 75-09-2 | 0.000 |
| Napthalene | 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 |
| 2,2,4-Trimethylpentane | 540-84-1 | 0.289 |
| Tetrachloroethene | 127-18-4 | 0.002 |
| Toluene | 108-88-3 | 20.997 |
| o-Xylene | 95-47-6 | 0.074 |
| Xylene | 1330-20-7 | 1.738 |