



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

**OFFICE OF ENVIRONMENTAL QUALITY CONTROL
BUREAU OF AIR QUALITY
OPERATING PERMIT**

(Permit Updated 8/21/12)

Associated Asphalt Columbia, LLC t/a Seaco Emulsions
2700 William Tuller Drive
Columbia, SC 29250

Pursuant to the provisions of the *Pollution Control Act*, Sections 48-1-50(5) and 48-1-110(a), 1976 *Code of Laws of South Carolina* and the *South Carolina Air Quality Control Regulation 61-62.1*, Section II(F), the Bureau of Air Quality authorizes the operation of the equipment specified herein in accordance with the plans, specifications and other information submitted in the construction permit application. This permit is subject to all conditions and operating limitations contained herein.

ID	Equipment Description	Installation/ Modification Date	Control Device
01	4.185 million BTU/hr natural gas fired Boiler #1, Johnson Model PFTA 100 4G 150S (moved to exempt sources)	Pre-2003	N/A
02	4.185 million BTU/hr natural gas and No. 2 fuel oil fired Boiler #2, Cleaver Brooks Model CB200-100-150ST	Pre-2003	N/A

I. STANDARD CONDITIONS

- A. The permit to operate may be renewed upon evidence of satisfactory operational experience during the prior operating period.
- B. In accordance with *South Carolina Department of Health and Environmental Control Regulation 61-62.1*, Section II(H), a written request for an operating permit renewal shall be submitted to the Department no later than 90 days prior to the operating permit expiration date. The operating permit renewal request shall include all information as required by this regulation.
- C. This permit expressly incorporates all the provisions of *South Carolina Department of Health and Environmental Control Regulation 61-62.1*, Section II(J).
- D. In accordance with *South Carolina Department of Health and Environmental Control Regulation 61-62.1*, Section II(M) within thirty (30) days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner/operator shall submit to the Department a written request for transfer of the source operating permit.

PERMIT NUMBER: 1900-0220
DATE OF ISSUE: April 9, 2008
EXPIRES ON THE LAST DAY OF: March 31, 2018
SIC/NAICS CODES: 2951 / 324121

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II. SPECIAL CONDITIONS

A. EMISSION LIMITATIONS

Air pollutant emissions shall not exceed the following:

ID	Pollutant/ Standard	Limit	Reference Method	Regulation	State Only
02	Opacity	20%	9	SC Reg. 61-62.5, Std 1	No
02	PM	0.6 lb/million BTU	5	SC Reg. 61-62.5, Std 1	No
02	SO ₂	3.5 lb/million BTU	6/6c	SC Reg. 61-62.5, Std 1	No

N/A = Not Applicable

The emission limitations listed for each emission unit are based on operation at permitted capacity. Operation at less than permitted capacity must meet emission limits specified in the applicable regulations based on that operating rate. All test methods must be the most recent revisions that are published in the *Code of Federal Regulations*, in accordance with the requirements of SC Regulation 61-62.1, Section IV, Source Test.

B. CONTINUOUS MONITORING REQUIREMENTS

ID	Pollutant	Averaging Time
N/A	N/A	N/A

N/A = Not Applicable

C. SOURCE TEST SCHEDULE

ID	Pollutant	Frequency	Method
N/A	N/A	N/A	N/A

N/A = Not Applicable

D. ADDITIONAL CONDITIONS

Condition Number	Conditions
1.	(Facility wide) The permittee shall pay fees in accordance with SC Regulation 61-30, SC Environmental Protection Fees.

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Condition Number	Conditions
2.	<p>(Facility wide) In accordance with SC Regulation 61-62.1 Section II(J), for all sources not required to have continuous emissions monitors, in the event of any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the local Environmental Quality Control (EQC) Regional office within twenty-four (24) hours after the beginning of the occurrence. The permittee shall also submit a written report within thirty (30) days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality (BAQ). The report shall contain as a minimum, the following: the identity of the emission unit and associated equipment where excess emissions occurred, the magnitude of excess emissions, the time and duration of excess emissions, the steps taken to remedy the malfunction and to prevent a recurrence, documentation that control equipment and processes were at all times maintained and operated, to the maximum extent practicable, in a manner that was consistent with good practice for minimizing emissions. Such a report shall in no way serve to excuse, otherwise justify, or in any manner affect any potential liability or enforcement action resulting from the occurrence.</p>
3.	<p>(Facility wide) Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard. Any changes in the parameters used in the air dispersion modeling may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment A of this permit. Higher emission rates may be administratively incorporated into Attachment A of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded.</p> <p>The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment A, not to exceed the pollutant limitations of this operating permit. Should the facility wish to increase the emission rates listed in Attachment A, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified in this permit condition. This is a State Only enforceable requirement.</p>
4.	<p>(Facility wide) These conditions shall not supersede any State or Federal requirements such as National Emission Standards for Hazardous Air Pollutants, unless these conditions would impose a more restrictive limit.</p>
5.	<p>(Facility wide) Unless elsewhere specified within this permit, all records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least five (5) years from the date generated and shall be made available to a Department representative upon request.</p>
6.	<p>Emergency power generators have been determined to be exempt from construction permitting requirements in accordance with South Carolina Regulation 61-62.1 Section II.B.2.f and as such are listed as exempt sources in this permit. These sources shall still comply with the requirements of all applicable regulations including but not limited to:</p> <ul style="list-style-type: none"> • New Source Performance Standards (NSPS) 40 CFR 60 Subparts A (General Provisions); IIII (Stationary Compression Ignition Internal Combustion Engines); and JJJJ (Stationary Spark Ignition Internal Combustion Engines).
7.	<p>(IDs 02) Boiler #2 is permitted to burn only natural gas or less than or equal to 0.5% sulfur content No. 2 fuel oil as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Bureau of Air Quality.</p>

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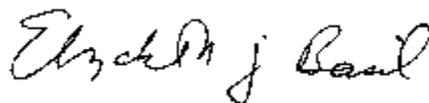
(Permit Updated 8/21/12)

Condition Number	Conditions
8.	(ID 02) In accordance with SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section II - Particulate Matter Emissions, the allowable discharge of particulate matter resulting from the fuel burning operations is 0.6 pounds per million BTU input.
9.	(ID 02) In accordance with SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section III - Sulfur Dioxide Emissions, the maximum allowable discharge of sulfur dioxide (SO ₂) resulting from the fuel burning operations is 3.5 pounds per million BTU input.
10.	(ID 02) In accordance with SC Regulation 61-62.5, Standard No. 1, Emissions from Fuel Burning Operations, Boiler No. 2 shall not discharge into the ambient air smoke which exceeds an opacity of 20%. The twenty (20) percent opacity limit may be exceeded for sootblowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by sootblowing shall not exceed sixty (60) percent opacity. The opacity standards set forth above do not apply during startup or shutdown. The owner/operator shall, to the extent practicable, maintain and operate any source including associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions. The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown and make these records available to a Department representative upon request.

E. Exempt Sources

Equip ID	Exempt Source Description (Exemption Date)	Basis
A	5264 gallon fuel oil storage tank	SC Reg. 61-62.1, Section II.B.2.h.
B1	4.185 million BTU/hr natural gas fired Boiler #1, Johnson Model PFTA-100-4G-150S	SC Reg. 61-62.1, Section II.B.2.b.

No deviation from the plans and specifications submitted with your application or the conditions specified herein is permitted, unless authorized in writing by the Bureau of Air Quality. The owner/operator is responsible for satisfactory compliance with all Air Pollution Regulations and Standards.



Elizabeth J. Basil, Director
Engineering Services Division
Bureau of Air Quality

ATTACHMENT A

Modeled Emission Rates

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AMBIENT AIR QUALITY STANDARDS – STANDARD 2					
<u>SOURCE IDENTIFICATION</u>	TSP (LBS/HR)	PM₁₀ (LBS/HR)	SO₂ (LBS/HR)	NO₂ (LBS/HR)	CO (LBS/HR)
SRC1 – Boiler No. 1	0.0318	0.0318	0.0025	0.4185	0.3515
SRC1 – Boiler No. 2	0.0606	0.0606	2.1527	0.6064	0.3515
Facility Total	0.0924	0.0924	2.1552	1.0249	0.703

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD 7			
STACK	Modeled Emission Rates (lbs/hr)		
	PM₁₀	SO₂	NO_x
SRC1 – Boiler No. 1	0.0318	0.0025	0.4185
SRC1 – Boiler No. 2	0.0606	2.1527	0.6064

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Catherine B. Templeton, Director

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August 21, 2012

Mr. Joe Reynolds
Vice President
Associated Asphalt Columbia, LLC t/a Seaco Emulsions
2700 William Tuller Drive
Columbia, SC 29205

Re: Modified State Operating Permit No. 1900-0220

Dear Mr. Reynolds:

Enclosed is a modified State Operating Permit No. 1900-0220, issued on April 9, 2008. This permit is being modified to incorporate a Transfer of Ownership change into the existing State Operating Permit from Seaco, Inc. to Associated Asphalt Columbia, LLC t/a Seaco Emulsions. This modified permit has the same expiration date as the previous State Operating Permit and will remain valid through March 31, 2018.

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Kirk Schneider of my staff, via e-mail at schneikg@dhec.sc.gov, or call (803) 898-4023 immediately.

Sincerely,

Elizabeth J. Basil
Director, Engineering Services Division
Bureau of Air Quality

EJB:shb:el
Enclosure

cc: Permit File: 1900-0220

ec: Ben Buchanon, Region 3, Columbia EQC Office
Cindy Kilpatrick, Technical Management
Heinz Kaiser, Air Toxics Section
Lynn Barnes, Emissions Inventory Section