

ATTACHMENT B

Modeled Emission Rates

Concrete Supply Co., LLC - North Myrtle Beach

GSOP-9900-0256

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The emission rates listed herein are not considered federally 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.

STANDARD NO. 2 - MODELED AAQS EMISSION RATES (LBS/HR)		
STACK ID	TSP	PM ₁₀
Aggregate Delivery to Ground Storage	0.32	0.16
Sand Delivery to Ground Storage	0.075	0.04
Aggregate Delivery to Conveyor	0.32	0.16
Sand Delivery to Conveyor	0.075	0.035
Aggregate Delivery to Elevated Storage	0.32	0.16
Sand Delivery to Elevated Storage	0.075	0.035
Cement Delivery to Silo	0.01	0.005
Flyash Delivery to Silo	0.15	0.01
Weigh Hopper Loading	0.395	0.19
Truck or Mixer Loading	14.03	3.92
FACILITY TOTAL	15.77	4.72

STANDARD NO. 2 - EXEMPTED AAQS EMISSION RATES (LBS/HR)	
STACK ID	Lead
Cement Silo Filling	1.34E-07
Flyash Silo Filling	9.49E-07
Truck or Mixer Loading	2.16E-05
FACILITY TOTAL	2.27E-05

STANDARD NO. 8 - AIR TOXIC EMISSION RATES (LBS/HR)		
STACK ID	Nickel	Phosphorus
	7440-02-0	7723-14-0
Cement Silo Filling	2.16E-04	1.45E-04
Truck or Mixer Loading	1.68E-04	5.41E-04
FACILITY TOTAL	3.88E-04	6.93E-04



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

December 3, 2013

Mr. Johnie Alexander
Concrete Supply Co., LLC – North Myrtle Beach
P.O. Box 5247
Charlotte, N.C. 28299

RE: Modification of Attachment A for the General State Operating Permit for Concrete Plants
Permit Number 9900-0256

Dear Mr. Alexander:

The Department has modified Attachment A of the General State Operating Permit for Concrete Plants for Permit No. GSOP-9900-0256 to show the facility name changed from Concrete Supply Company – North Myrtle Beach to Concrete Supply Co., LLC – North Myrtle Beach. The facility's permit has the same expiration date and will remain valid through June 30, 2023.

The modified Attachment A is being issued to incorporate changes as described above, and a copy may be downloaded by clicking on your facility's name at the following address: <http://www.scdhec.gov/Air-GeneralConcretePermit>. Alternatively, you may request a copy by contacting us at (803) 898-4292. This letter is to be retained with the General Permit and the attachment(s).

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 Jerisha Dukes via phone at (803) 898-4292 or by e-mail at dukesjs@dhec.sc.gov promptly if any are discovered.

Sincerely,

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

EJB:shb:kal

cc: Permit File: 9900-0256
ec: Ranya King, BEHS