

ATTACHMENT A

Facility Information

Thomas Concrete of Carolina, Inc. - South Plant

GSOP-9900-0329

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A - APPLICABLE PERMIT DATES

COVERAGE DATE: September 11, 2013

B - FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 9160 Northfield Drive
CITY, STATE, ZIP: Fort Mill, SC 29715
COUNTY: Lancaster

C - PLANT

Plant ID	Type of Plant	Plant & Equipment Description	Control Device Description
01	Central Mix	240 yd ³ /hr Concrete Batch Plant	---
		Weigh Batcher	STA CLEAN 25-8-ADS Baghouse
		Central Mixer	STA CLEAN 25-8-ADS Baghouse

D - SILOS

Silo ID	Silo Description	Control Device/Binvent Description	Plant ID
CS1	Cement/Cement Supplement Silo #1	STA CLEAN 9-3.2-BDS Baghouse	01
CS2	Cement/Cement Supplement Silo #2	STA CLEAN 9-3.2-BDS Baghouse	01
CS3	Cement/Cement Supplement Silo #3	STA CLEAN 9-3.2-BDS Baghouse	01
CS4	Cement/Cement Supplement Silo #4	STA CLEAN 9-3.2-BDS Baghouse	01

E - TANKS

Tank ID	Tank Description	Capacity (Gallons)
T1	No. 2 Fuel Oil Storage Tank	6,000
T2	Concrete Admixture Tank #1	1,000
T3	Concrete Admixture Tank #2	1,000
T4	Concrete Admixture Tank #3	1,000
T5	Concrete Admixture Tank #4	2,000

F - OTHER EQUIPMENT - RESERVED

G - FACILITY SPECIFIC CONDITIONS - RESERVED

ATTACHMENT B

Modeled Emission Rates

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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. 8 – TOXIC AIR POLLUTANTS LEVEL I DE MINIMIS ANALYSIS				
POLLUTANT	CAS NUMBER	EMISSION RATE (LBS/DAY)	DE MINIMIS (LBS/DAY)	PASS (Y or N)
Arsenic	7440-38-2	0.000	0.012	Y
Beryllium	7440-41-7	0.000	0.000	Y
Cadmium	7440-43-9	0.000	0.003	Y
Chromium Compounds	---	0.001	0.030	Y
Manganese Compounds	---	0.006	0.300	Y
Nickel	7440-02-0	0.001	0.006	Y
Phosphorus	7723-14-0	0.003	0.006	Y
Selenium Compounds	---	0.000	0.012	Y

STANDARD NO. 2 - MODELED AAQS EMISSION RATES (LBS/HR)					
STACK ID	TSP	PM ₁₀	SO ₂	NO ₂	CO
AGGBINA	0.0167	0.0079	---	---	---
AGGBINC	0.0220	0.0105	---	---	---
AGGBIN17	0.0560	0.0265	---	---	---
BOILER	0.70	0.50	0.01	0.90	0.76
CEM1	0.024	0.012	---	---	---
CEM2	0.024	0.012	---	---	---
FLY1	0.036	0.024	---	---	---
FLY2	0.036	0.024	---	---	---
MIXER	1.1709	0.3249	---	---	---
FACILITY TOTAL	2.0856	0.9418	0.01	0.90	0.76

STANDARD NO. 2 - MODELED AAQS EMISSION RATES (LBS/HR)		
STACK ID	HF	LEAD
CEM1	---	3.21E-07
CEM2	---	3.21E-07

STANDARD NO. 2 - MODELED AAQS EMISSION RATES (LBS/HR)		
STACK ID	HF	LEAD
FLY1	---	2.28E-06
FLY2	---	2.28E-06
MIXER	---	2.48E-06
FACILITY TOTAL	---	7.68E-06

STANDARD NO. 7 - MODELED PSD CLASS II INCREMENT EMISSION RATES (LBS/HR)			
STACK ID	Minor Source Baseline Date(s)		
	12/01/1981	12/01/1981	None
	PM₁₀	SO₂	NO₂
AGGBINA	0.0079	---	---
AGGBINC	0.0105	---	---
AGGBIN17	0.0265	---	---
BOILER	0.50	0.01	N/A
CEM1	0.012	---	---
CEM2	0.012	---	---
FLY1	0.024	---	---
FLY2	0.024	---	---
MIXER	0.3249	---	---
FACILITY TOTAL	0.9418	0.01	---



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

September 11, 2013

DARRELL MYERS
THOMAS CONCRETE OF CAROLINA, INC. - SOUTH PLANT
PO BOX 790105
CHARLOTTE NC 28206

RE: Notice of Permit Coverage
THOMAS CONCRETE OF CAROLINA, INC. - SOUTH PLANT
Permit Number: 9900-0329

Dear DARRELL MYERS:

The Department has issued a new General State Operating Permit for Concrete Plants ("General Permit"). The permit was issued on June 28, 2013 and will be valid through June 30, 2023. This permit supersedes any previous construction and/or operating permit issued to your facility. Your facility's coverage under the terms and conditions of this permit begins on September 11, 2013.

A copy of the General Permit and your facility's attachment(s) 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 of the General Permit and your facility's attachment(s) by contacting us at (803) 898-4292. This Notice Letter is to be retained with the General Permit and the attachment(s).

It is your responsibility to comply with all the requirements of this General Permit. The Department may conduct periodic inspections of your facility to determine compliance with the requirements of the General Permit. Any violations found during these inspections may result in an enforcement action. Therefore, it is incumbent upon you to ensure you are in compliance with the General Permit at all times. It is important for you to read this issued permit carefully and to understand all requirements. If any errors or emissions are found, immediately notify Jerisha Dukes of my staff, via email at dukesjs@dhec.sc.gov, or call (803) 898-4292.

If your facility no longer requires this permit, please submit DHEC Form D-2374 ("Permit Cancellation / Temporary Closure") to cancel your coverage under the General Permit. If coverage is not cancelled, you are responsible for all annual General Permit fees.

In the event, you disagree with the decision to approve the General Permit, or the terms and conditions of the General Permit, the enclosed "Guide to Board Review" explains the process for contesting the Department's decision.

Sincerely,

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