

STATE OF TENNESSEE
TENNESSEE AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243



OPERATING PERMIT Issued Pursuant to Tennessee Air Quality Act

Date Issued: July 17, 2018

Permit Number:

074280

Date Expires: August 1, 2027

Issued To:

Nashville Ready Mix of Columbia, LLC

Installation Address:

453 Theta Pike
Columbia

Installation Description:

Concrete Batch Plant, Ready Mix Plant,
Two Silos with Baghouse as Control

Emission Source Reference No.

60-0165-01

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Comprehensive Rules and Regulations (Tenn. Comp. R. & Reg.).

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated June 6, 2018, and signed by Richard Farmer, Technical Sales Manager of the permitted facility. If this person terminates employment or is reassigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

Tenn. Comp. R. & Reg. 1200-03-09-.03(8)

(Conditions continued on next page).


TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

POST AT INSTALLATION ADDRESS

RDA-1298

General Conditions

2. Regarding recordkeeping of logs for sources at this facility, the following is applicable:
- (a) For monthly recordkeeping, all data, including the results of all calculations, must be entered into the log no later than thirty (30) days from the end of the month for which the data is required.
 - (b) For weekly recordkeeping, all data, including the results of all calculations, must be entered into the log no later than seven (7) days from the end of the week for which the data is required.
 - (c) For daily recordkeeping, all data, including the results of all calculations, must be entered into the log no later than seven (7) days from the end of the day for which the data is required.

Tenn. Comp. R. & Reg. 1200-03-10-.02(2)(a)

3. Visible emissions from this source not covered by **Conditions 4 and 5** shall not exhibit greater than twenty percent (20%) opacity, except for one (1) six-minute period in any one (1) hour period, and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

Tenn. Comp. R. & Reg. 1200-03-05-.01(1) and Tenn. Comp. R. & Reg. 1200-03-05-.03(6)

4. Visible emissions from roads and parking areas shall not exhibit greater than ten percent (10%) opacity, as determined by Tennessee Visible Emission Evaluation (TVEE) Method 1, as adopted by the Tennessee Air Pollution Control Board on April 29, 1982, as amended on September 15, 1982 and August 24, 1984.

Tenn. Comp. R. & Reg. 1200-03-08-.03

5. Fugitive emissions from this source shall be controlled as specified in Tenn. Comp. R. & Reg. 1200-03-08-.01. Specifically, no person shall cause, suffer, allow, or permit fugitive dust to be emitted in such manner to exceed five (5) minutes per hour or twenty (20) minutes per day as to produce a visible emission beyond the property line of the property on which the emission originates, excluding malfunction of equipment as provided in Tenn. Comp. R. & Reg. 1200-03-20. Fugitive emissions from this source shall be determined by Tennessee Visible Emissions Evaluation Method 4 as adopted by the Tennessee Air Pollution Control Board on April 16, 1986.

Tenn. Comp. R. & Reg. 1200-03-08-.01

6. Routine maintenance, as required to maintain specified emission limits, shall be performed on the air pollution control device.

Compliance Method: Maintenance records shall be recorded in a suitable permanent form and kept available for inspection by the Division. These records must be retained for a period of not less than two (2) years.

Tenn. Comp. R. & Reg. 1200-03-09-.03(8) and Tenn. Comp. R. & Reg. 1200-03-10-.02(2)(a)

7. Upon the malfunction/failure of any emission control device(s) serving this source, the operation of the process(es) served by the device(s) shall be regulated by Tenn. Comp. R. & Reg. 1200-03-20 entitled Limits on Emissions due to Malfunctions, Startups, and Shutdowns.

Tenn. Comp. R. & Reg. 1200-03-20

8. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application dated June 6, 2018.

Tenn. Comp. R. & Reg. 1200-03-09-.02(6)

9. The issuance of this operating permit supersedes all previously issued permit(s) for this air contaminant source.

Tenn. Comp. R. & Reg. 1200-03-09-.02(6)

10. This source shall comply with all applicable state and federal air pollution regulations. This includes, but is not limited to, federal regulations published under 40 CFR 63 for sources of hazardous air pollutants and 40 CFR 60, New Source Performance Standards.

Tenn. Comp. R. & Reg. 1200-03-09-.03(8)

11. Operation of each air contaminant source shall be in accordance with the provisions and stipulations set forth in the operating permit, all provisions of the Tennessee Division of Air Pollution Control Comprehensive Rules and Regulations, and all provisions of the Tennessee Air Quality Act.

Tenn. Comp. R. & Reg. 1200-03-09-.02(6)

12. This permit is neither transferable from one air contaminant source to another air contaminant source nor from one location to another location.

Tenn. Comp. R. & Reg. 1200-03-09-.03(6)(b)

13. In the event an ownership change occurs at this facility, written notification of the ownership change requesting a permit amendment must be submitted to the Technical Secretary no later than thirty (30) days after the change occurs. This notification must include an agreement to abide by the terms of the permit, Division 1200-03 and Division 0400-30 of the Tennessee Comprehensive Rules and Regulations, the Tennessee Air Quality Act, and any documented agreements made by the previous owner to the Technical Secretary.

Tennessee Division of Air Pollution Control
William R. Snodgrass Tennessee Tower, 15th Floor
312 Rosa L. Parks Avenue
Nashville, TN 37243

or Adobe Portable Document Format (PDF)
Air.Pollution.Control@tn.gov

Tenn. Comp. R. & Reg. 1200-03-09-.03(6)(a)

14. The Permittee shall apply for renewal of this permit not less than sixty (60) days prior to the permit's expiration date pursuant to Tenn. Comp. R. & Reg. 1200-03-09-.02(3)(b). The renewal application shall be submitted to the Division at the address listed below or by electronic pdf via e-mail.

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William R. Snodgrass Tennessee Tower, 15th Floor
312 Rosa L. Parks Avenue
Nashville, TN 37243

or Adobe Portable Document Format (PDF)
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Source Specific Conditions

15. Production rate for this source shall not exceed 75,000 cubic yards of transit mix of concrete per calendar year.

Tenn. Comp. R. & Reg. 1200-03-09-.02(6)

Compliance Method: Compliance with this limit shall be demonstrated by the records required by **Condition 16**.

16. A record of the concrete production at this facility, in a form that readily provides the information required in the table(s) below, shall be maintained at the source location and kept available for inspection by the Technical Secretary or Division representative. This record shall be retained for a period of not less than two (2) years.

Source 60-0165-01 – Monthly Concrete Production

Month	Production (cubic yards)	Month	Production (cubic yards)	Month	Production (cubic yards)
January		May		September	
February		June		October	
March		July		November	
April		August		December	
Total(s) for calendar year ____					

Tenn. Comp. R. & Reg. 1200-03-10-.02(2)(a)

17. Particulate Matter (PM) emitted from the following stack emission points served by dust collectors, listed in the table below shall not exceed 0.25 grains per dry standard cubic foot of exhaust gases (gr/dscf).

Vent ID and controls if applicable	Flow rate (ft ³ /min)	Pounds per hour @ 0.25 gr/dscf	Tons/yr allowable
Cement silo baghouse	600	1.28	
Fly ash silo baghouse	600	1.28	
Silo-to-weigh-batcher baghouse	70	0.15	
Total	1270	2.71	11.87

Tenn. Comp. R. & Reg. 1200-03-07-.04(2) and Tenn. Comp. R. & Reg. 1200-03-09-.03(8)

Compliance Method Compliance with this emission limitation shall be assured by complying with **Conditions 3, 7, and 15** of this permit and AP-42, Chapter 11, Section 12, emission factors, Supplement to 5th Ed, 06/06

(End of Conditions)

The permit application gives the location of this source as 35.650467 Latitude and -87.029140 Longitude