

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



**Permit to Construct or Modify an Air Contaminant Source Issued Pursuant to Tennessee Air Quality Act**

Date Issued: November 14, 2018

Permit Number:  
974813

Date Expires: November 13, 2020

Issued To:  
Mississippi Limestone Corporation

Installation Address:  
10319 Richardson Landing  
Drummonds

Installation Description:  
Concrete Batch Plant Operation  
with Two (2) Silo and Fabric Filter Control

Emission Source Reference No.  
84-0084-01

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. & Regs.).

**CONDITIONS:**

1. The application that was utilized in the preparation of this permit is dated August 16, 2018, and was signed by Phillip C. Clegg, Vice-President for 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. & Regs. 1200-03-09-.03(8)

  
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**

<b>General Conditions</b>
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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.
  - (d) All maintenance activities required by **Condition 6** (including any ongoing maintenance that has not been completed) shall be entered in the maintenance log no later than thirty (30) days following the start of the maintenance.

Tenn. Comp. R. & Regs. 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. & Regs. 1200-03-05-.01(1) and 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. & Regs. 1200-03-08-.03

5. Fugitive emissions from this source shall be controlled as specified in Tenn. Comp. R. & Regs. 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. & Regs. 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. & Regs. 1200-03-08-.01

6. The permittee shall maintain and repair the emission source, associated air pollution control device(s), and compliance assurance monitoring equipment as required to maintain and assure compliance with the specified emission limits.

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

**Compliance Method:** Records of all repair and maintenance activities required above shall be recorded in a suitable permanent form and kept available for inspection by the Division representative. These records must be retained for a period of not less than two (2) years. The date each maintenance and repair activity began shall be entered in the log no later than thirty (30) days following the start of the repair or maintenance activity, and the completion date shall be entered in the log no later than thirty (30) days from activity completion.

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. & Regs. 1200-03-20 entitled Limits on Emissions due to Malfunctions, Startups, and Shutdowns.

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

8. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application dated August 16, 2018.

Tenn. Comp. R. & Regs. 1200-03-09-.01(1)(d)

9. This permit shall serve as a temporary operating permit from the date of issuance to the receipt of a standard operating permit, provided that an operating permit application is filed in a timely manner as required by **Condition 14**.

Tenn. Comp. R. & Regs. 1200-03-09-.02(2)

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. & Regs. 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 Comprehensive Rules and Regulations, and all provisions of the Tennessee Air Quality Act.

Tenn. Comp. R. & Regs. 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. & Regs. 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 at the address listed in **Condition 15**, 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.

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

14. The permittee shall apply for an operating permit within thirty (30) days of initial start-up of this new emission source. If construction of the source cannot be completed and an operating permit application has not been filed with the Technical Secretary by the expiration date of this permit, a permit extension request must be submitted in writing to the Technical Secretary at the address listed in **Condition 15** at least thirty (30) days prior to the permit expiration date unless a different time frame is approved by the Technical Secretary.

Tenn. Comp. R. & Regs. 1200-03-09-.02(1) and 1200-03-09-.02(3)(b)

15. The completed startup certification in **Condition 21** shall be submitted to the Permitting Program at the address listed below or via e-mail, no later than thirty (30) days after each air contaminant source is started-up. A separate startup certification must be submitted for each source included in this permit.

Tennessee Dept. of Environment & Conservation  
 Division of Air Pollution Control  
 Permitting Program  
 William R. Snodgrass TN Tower, 15<sup>th</sup> Floor  
 312 Rosa L. Parks Avenue  
 Nashville, TN 37243

Adobe Portable Document Format (PDF)  
 or [Air.Pollution.Control@TN.gov](mailto:Air.Pollution.Control@TN.gov)

Tenn. Comp. R. & Regs. 1200-03-09-.02(3)(b)

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

Tenn. Comp. R. & Regs. 1200-03-09-.01(1)(d)

<b>Source Specific Conditions</b>
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17. Production rate for this source shall not exceed 110,000 cubic yards of concrete per calendar year.

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

**Compliance Method:** Compliance with this limit shall be demonstrated by the recordkeeping required by **Condition 18**.

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

**Daily Concrete Production**

Date	Production (cubic yards)	Date	Production (cubic yards)	Date	Production (cubic yards)
1		12		23	
2		13		24	
3		14		25	
4		15		26	
5		16		27	
6		17		28	
7		18		29	
8		19		30	
9		20		31	
10		21			
11		22			
Total(s) for the month of _____, 20__					

**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 20__					

Tenn. Comp. R. &amp; Regs. 1200-03-10-.02(2)(a)

19. 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).

Stack emission points	*PM Emission Control Device(s)	Flow Rate (ft <sup>3</sup> /min)	PM Allowable Emissions (gr/dscf)	PM Allowable Emissions (lb/hr)
Central Dust Collector Serving Silos, Weigh- Batcher, and Truck Discharge	FFB	10,000	0.25	21.43
Total Allowable PM				21.43

Notes for Table: \*FFB for fabric filter bag

**Compliance Method:** Compliance with this emission limit shall be assured by compliance with **Conditions 3, 6, and 17** of this permit and AP-42, Chapter 11, Section 12, emission factors, Supplement to 5<sup>th</sup> Ed, 6/06.

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

20. Fugitive Particulate Matter (PM) emitted from this source shall not exceed the following limits:
- (a) For the aggregate and sand handling operations which include ground storage and transfer to conveyor, Fugitive PM emissions shall not exceed **3.16** pounds per hour.

**Compliance Method:** Compliance with these emission limits shall be demonstrated by complying with **Conditions 5 and 17** of this permit and AP-42, Chapter 11, Section 12, Emission Factors for Concrete Batching, Supplement to 5<sup>th</sup> Ed, 6/06.

Tenn. Comp. R. &amp; Regs. 1200-03-08-.01 and 1200-03-08-.03

**Start Up Certification – submit one for each source included in this permit**
**Start Up Certification for Source \_\_\_\_ - \_\_\_\_ - \_\_\_\_**

21. The permittee shall certify the initial start-up date of the new air contaminant source regulated by this permit by submitting

**A COPY OF ALL PAGES OF THIS PERMIT,**

with the information required in A) and B) of this condition completed, to the Technical Secretary's representatives listed below:

A) DATE OF INITIAL START-UP: \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
month day year

B) Anticipated operating rate: \_\_\_\_ percent of maximum rated capacity

For the purpose of complying with this condition, "initial start-up" of the air contaminant source shall be the date of the setting in operation of the source for the production of product for sale or use as raw materials or steam or heat production.

The undersigned represents that he/she has the full authority to represent and bind the permittee in environmental permitting affairs. The undersigned further represents that the above provided information is true to the best of his/her knowledge and belief.

Signature		Date
Signer's name (type or print)	Title	Phone (with area code)

Note: This certification is not an application for an operating permit. At a minimum, the appropriate application form, usually an APC-100, must be submitted requesting an operating permit. The application must be submitted in accordance with the requirements of this permit.

The completed certification shall be submitted to the Division at the address listed below or via e-mail, no later than thirty (30) days after the air contaminant source is started-up.

Tennessee Dept. of Environment & Conservation  
Division of Air Pollution Control  
Permitting Program  
William R. Snodgrass TN Tower, 15<sup>th</sup> Floor  
312 Rosa L. Parks Avenue,  
Nashville, TN 37243

Adobe Portable Document Format (PDF)  
or [Air.Pollution.Control@tn.gov](mailto:Air.Pollution.Control@tn.gov)

Tenn. Comp. R. & Regs. 1200-03-09-.02(3)(b)

**(End of conditions)**

The permit application gives the location of this source as 35.508409 Latitude and -89.941795 Longitude.