

TENNESSEE AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-1531



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

Date Issued: **MAY 28 2010**

Permit Number:
963419P

Date Expires: October 1, 2010

Issued To:

Carmeuse Lime & Stone,
O-N Minerals (Luttrell) Company

Installation Address:

486 Clinch Valley Road
Luttrell

Installation Description:

Portable Rock Crushing and Sizing Operation
with Wet Suppression Control

Emission Source Reference No.

87-0023-01
NSPS

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated February 18, 2010, and signed by Mr. Brian D. Ball, Area Operations 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.

(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.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. Production rate for this source shall not exceed the following limit, on a daily average basis:

Operation/Equipment	I.D. No.	Size	Status	Production (ton/hr)
Jaw Crusher	1A		NSPS	300

3. Rated capacity (in tons per hour) of the crusher; and the width of the conveyor shall not exceed the limits listed below:

Operation/Equipment	I.D. No.	Size	Status	Capacity (ton/hr)
Jaw Crusher	1A		NSPS	300
Conveyor	1B	36"W,38'L	NSPS	300

The I.D. Numbers referenced above are from a flow diagram submitted with an application dated February 18, 2010.

4. Particulate matter emitted from this source shall not exceed 43.1 pounds per hour. TAPCR 1200-03-07-.03(1)
5. The maximum annual hours of operation for this source shall not exceed 600 hours per calendar year. This limitation is established pursuant to Rule 1200-03-07-.01(5) of the Tennessee Air Pollution Control Regulations and the information contained in the agreement letter dated February 19, 2010 from the permittee.
6. Visible emissions from the NSPS conveyor (1B) shall not exhibit greater than 7 percent (7%) opacity per 40 CFR 60, Subpart 000, Table 3. The opacity is to be measured by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).
7. Visible emissions from the NSPS crusher (1A) shall not exhibit greater than 12 percent (12%) opacity per 40 CFR 60, Subpart 000, Table 3. The opacity is to be measured by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).
8. 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. TAPCR 1200-03-08-.03.
9. A record of the daily production and operating hours of the Jaw Crusher (ID# 1A) in a form that readily shows compliance with **Conditions 2 and 5** shall be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. These records shall be retained for a period of not less than two (2) years and made readily available for inspection by the Division. Daily data, including all required calculations, must be entered in the log no later than seven (7) days from the end of the day for which the data is required. Monthly data, including all required calculations, must be entered in the log no later than thirty (30) days from the end of the month for which the data is required. **This log shall be kept in the following format or an equivalent, which readily contains the same information.**

Date	Daily Production (tons)	Hours of Operation	Daily Average Production (ton/hr)	Date	Daily Production (tons)	Hours of Operation	Daily Average Production (ton/hr)	Date	Daily Production (tons)	Hours of Operation	Daily Average Production (ton/hr)
1				12				23			
2				13				24			
3				14				25			
4				15				26			
5				16				27			
6				17				28			
7				18				29			
8				19				30			

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9				20				31			
10				21							
11				22							
Total Production for the month of _____, 20__											

Month	Hours of Operation	Month	Hours of Operation	Month	Hours of Operation
January		May		September	
February		June		October	
March		July		November	
April		August		December	
Total Production for year 20__					

10. Fugitive emissions from this source shall be controlled as specified in Rule 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 Chapter 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.
11. Routine maintenance, as required to maintain specified emission limits, shall be performed on the air pollution control device(s). 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.
12. 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 Chapter 1200-03-20 of the Tennessee Air Pollution Control Regulations.
13. Wet suppression must be applied at all locations as necessary to comply with the standards in this permit. The wet suppression system shall be maintained in good working condition, in order to provide sufficient water pressure to effectively control fugitive emissions.
14. This permit shall serve as a temporary operating permit from initial start-up to the receipt of a standard operating permit, provided the operating permit is applied for within thirty (30) days of initial start-up and the conditions of this permit and any applicable emission standards are met.
15. The permittee shall certify the start-up date of the 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 START-UP: ____ / ____ / ____
month day year

B) Anticipated operating rate: ____ percent of maximum rated capacity

For the purpose of complying with this condition, "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.

Conditions continued on next page

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(s) 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 delivered to the East Tennessee Permit Program and the Environmental Field Office at the addresses listed below, no later than thirty (30) days after the air contaminant source is started-up.

East Tennessee Permit Program
Division of Air Pollution Control
9th Floor, L & C Annex
401 Church Street
Nashville, TN 37243-1531

Knoxville Environmental Field Office
Division of Air Pollution Control
3711 Middlebrook Pike
Knoxville, TN 37921-6538

End of conditions

Emission Summary

Source - 01

Permit Number: 963419P

Source Status: New ☒ Modification ☐ Expansion ☐ Relocation ☐ Permit Status: New ☒ Renewal ☐

PSD ☐ NSPS ☒ NESHAPs ☐ Previous Permit Number: Construction _____ Operating _____

	Pounds/Hour			Tons/Year				Date of Data	*	Applicable Standard 1200-03-
	Actual	Potential	Allowable	Actual	Potential	Allowable	Net Change			
TSP	0.25	0.25	43.1	0.08	0.08	12.9	+12.9	2/18/10		07-.03(1)
SO ₂										
CO										
VOC										
NO _x										

* By an agreement letter dated February 19, 2010, the company has agreed to a limit of 600 hr/yr.

PERMITTING PROGRAM: HLC DATE: 5/25/10