

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

CO. 7-11



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

Date Issued: **MAY 09 2000**

Permit Number:
952822P

Date Expires: May 1, 2001

Issued To:
Global Stone Tenn Luttrell Company

Installation Address:
486 Clinch Valley Road
Luttrell

Installation Description:
Primary & Secondary Crushing, Screening & Washing
Operation with Wet Suppression Control
Modification: Installation of Wetted Limestone
Railcar Loadout Station

Emission Source Reference No.
87-0023-01
NSPS as indicated

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 10, 2000 and signed by John Kortz, Director of Engineering for the permitted facility. If this person terminates his/her employment or is reassigned different duties such that he/she 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)

Garry R. Stephens
TECHNICAL SECRETARY

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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

MAY 09 2000

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)
Telsmith Primary Crusher		44'x48"	NSPS	1,200

3. Design capacity (in tons per hour) of crushers, and screens; width of conveyors and radial stackers; and surface area of screens shall not exceed the limits listed below:

Operation/Equipment	I.D. No.	Size	Status	Capacity (ton/hr)
Secondary Cone Crusher			NSPS	900
Tertiary VSI Crusher			NSPS	200
Surge Pile Conveyor			NSPS	1,200
Conveyor(s) -- Other			Non-NSPS	1,200
Wash Screen		6'x20'	NSPS	1,000
Sand Screw			NSPS	200
Pugmill			Non-NSPS	200
Railcar Loadout Station *			NSPS	100

The I.D. numbers referenced above are from a flow diagram submitted with the application dated February 10, 2000 (* indicates added equipment).

4. Particulate matter emitted from this source shall not exceed 53.82 pounds per hour.
5. Visible emissions from all stacks and non-stack points (including dump hopper at the NSPS primary crusher) at this source except the surge pile conveyor, pugmill loadout station and the railcar loadout station shall not exceed fifteen (15) percent opacity as measured by EPA Method 9, as published in the Federal Register, Volume 39, No. 219 on November 12, 1974. (6 minute average)
6. Visible emissions from the NSPS surge pile conveyor, pugmill loadout station and the railcar loadout station shall not exceed ten (10) percent opacity as determined by EPA Method 9, as published in the Federal Register, Volume 39, No. 219 on November 12, 1974. (6 minute average)
7. Visible emissions from the wash screen and sand screw shall not exceed ten (10) percent opacity as determined by EPA Method 9, as published in the Federal Register, Volume 39, Number 219 on November 12, 1974. (6 minute average)
8. Fugitive emissions from this source shall be controlled as specified in Rule 1200-3-8-.01. Specifically, no person shall cause, suffer, allow, or permit fugitive dust to be emitted in such a 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 1200-3-20. 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.
9. Visible emissions from this source not covered by **Conditions 5, 6, and 7** shall not exceed twenty (20) percent opacity as determined by EPA Method 9, as published in the Federal Register, Volume 39, Number 219 on November 12, 1974. (6 minute average)

(conditions continued on next page)

10. A record of the daily production of the NSPS Primary Crusher in a form that readily shows compliance with **Condition 2**, must be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. This record must be retained for a period of not less than two (2) years.

Date	Daily Production (tons)		Daily Average Production (ton/hr)	Date	Daily Production (tons)		Daily Average Production (ton/hr)	Date	Daily Production (tons)		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			
9				20				31			
10				21							
11				22							

Total Production for the month of , 200

Month	Production (Tons)	Month	Production (Tons)	Month	Production (Tons)
January		May		September	
February		June		October	
March		July		November	
April		August		December	
Total Production for year 200					

11. Wet suppression must be applied at this source as necessary to comply with the conditions of this permit.
12. The wet suppression system should be maintained in good working condition in order to provide sufficient water pressure to effectively control fugitive emissions.
13. All plant roadways shall be surfaced and treated with water or water/chemical combination to suppress their dust generating potential. Fugitive emissions from all plant roadways shall not exceed ten (10) percent opacity utilizing Tennessee Visible Emission Evaluation (TVEE) Method 1, as amended by the Air Pollution Control Board, August 24, 1984.
14. Routine maintenance, as required to maintain specified emission limits, shall be performed on the air pollution control device. 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 years.
15. 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 1200-3-20 of the Tennessee Air Pollution Control Regulations.
16. The issuance of this permit supercedes any previously issued permits for this air contaminant source.
17. This permit shall serve as a temporary operating permit from the modified start-up date to the receipt of standard operating permit provided an operating permit is applied for within thirty (30) days of the start-up date and the conditions of this permit and any applicable emission standards are met.

(conditions continued on next page)

18. The permittee shall certify the start-up date of the modified 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 MODIFIED 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 modified 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.

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-20, 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 Compliance Validation Program and the Environmental Assistance Center at the addresses listed below no later than 30 days after the air contaminant source is started-up.

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

Division of Air Pollution Control
Knoxville Environmental Assistance Center
2700 Middlebrook Pike
Knoxville, TN 37921

(end of conditions)

The permit application gives the location of this source as 4012.0 UTM Vertical; 255.9 UTM Horizontal.