

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: September 8, 2009

Permit Number:
962849P

Date Expires: September 1, 2010

Issued To:
Rogers Group, Inc.
(Lawrenceburg Quarry)

Installation Address:
2690 Waynesboro Highway
Lawrenceburg

Installation Description:
One (1) Internal Combustion
Diesel Generator (2127 hp)

Emission Source Reference No.
50-0035-05
Conditional Major

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 May 29, 2009, and is signed by Van Medlock, Environmental Manager for the permitted facility. If this person terminates employment or is assigned 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.

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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

SECTION I: General Conditions

The following conditions shall apply to all sections of this permit unless otherwise noted.

2. The permittee has elected to opt-out of being issued a major source operating permit pursuant to Rule 1200-3-9-.02(11)(a) of the Tennessee Air Pollution Control Regulations (TAPCR). The permittee would be considered a major source because their "potential to emit" Sulfur Dioxide (SO₂), Oxides of Nitrogen (NO_x), and Carbon Monoxide (CO) was greater than 100 tons per year each at the time of application. The permittee has agreed to be subject to limitations in order to be below the major source applicability threshold for Sulfur Dioxide, Oxides of Nitrogen, and Carbon Monoxide of 100 tons per year each.
3. Any non-compliance with any condition(s) of this permit set to restrain the "potential to emit" below the applicability thresholds of 1200-3-9-.02(11) of the Tennessee Air Pollution Control Regulations (TAPCR) shall be reported in writing to the Technical Secretary within fifteen (15) working days of such discovery. This notification, at a minimum, shall include the identification of the source, identification of the permit condition(s) violated, and details of the violation.
4. The permittee is placed on notice that **Condition 13** of this permit contains limitations that allow the permittee to opt out of the major source permit program requirements specified in Division Rule 1200-3-9-.02(11). Failure to abide by these limits will not only subject the permittee to enforcement action by the State of Tennessee, but it may also result in the imposition of Federal enforcement action by the United States Environmental Protection Agency and the loss of being Federally recognized as a Conditional Major Source.
5. A report stating the compliance status of this facility with **Condition 13** shall be submitted by March 31, of every year, covering the previous calendar year. The first report shall cover the calendar year of 2010 and is due March 31, 2011. Each report shall cover the preceding calendar year and shall contain the records required by **Condition 14**. These reports shall be submitted to the Columbia Environmental Field Office at the following address:

Columbia Environmental Field Office
Division of Air Pollution Control
2484 Parks Plus Drive
Columbia, TN 38401
6. Visible emissions from this source 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). TAPCR 1200-3-5-.03(6) and TAPCR 1200-3-5-.01(1)
7. 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 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.
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.

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9. The issuance of this construction permit supersedes any previously issued permit(s) for this air contaminant source.
10. The issuance of this permit does not exempt the permittee from any requirements of the Environmental Protection Agency pertaining to emissions from the operation of this source.
11. The permittee shall apply for an updated Conditional Major operating permit within ninety (90) days of start-up of this new source.
12. The permit is valid only at this location.

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| SECTION II: Source Specific Conditions |
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| 50-0035-05: Conditions 13 – 22 apply to the Internal Combustion Diesel Generator (2127 hp) |
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13. The permittee has agreed to an hours of operation limit for the internal combustion diesel generator. Total hours of operation shall not exceed 500 hours per year.

This limit is established pursuant to TAPCR 1200-3-9-.02(11) and the information contained in the agreement letter dated August 21, 2009, from the permittee. Compliance with this limit is assured by the records required by **Condition 14**.

14. A log with hours of operation must be maintained at the source location. The log must be in a form that readily shows compliance with **Condition 13** of this permit. The permittee shall calculate the total hours for each month and current year. (See example below) This log must be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. This log must be retained for a period of not less than five (5) years. All 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.

| Monthly Log for Operation | | Month |
|---------------------------|-----------------------------------|---------------|
| Day of the Month | Operating time (hours/day) | |
| | | |
| | | |
| | | |
| | | Total: |

| Yearly Log for Operation | | Year |
|--------------------------|-------------------------------------|---------------|
| Month | Operating time (hours/month) | |
| | | |
| | | |
| | | |
| | | Total: |

15. The maximum power output capacity for the internal combustion diesel engine shall not exceed 2127 horsepower (hp). Any increase in this limit will require a construction permit.
16. Only No. 2 fuel oil and diesel fuel shall be used as fuels for this source.

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17. Particulate matter (PM) emitted from this source shall not exceed 0.481 pounds per million British thermal units of heat input (7.2 pounds per hour and 1.8 tons per year). Compliance with these limits shall be indicated by compliance with **Conditions 13, 14, 15, and 16.**

The hourly emission limitation is established pursuant to Rule 1200-3-6-.02(2) of the TAPCR. The annual emission limitation is effectively established pursuant to **Condition 13.**

18. Sulfur dioxide (SO₂) emitted from this source shall not exceed 4.4 pounds per hour and 1.1 tons per year. Compliance with these limits shall be indicated by compliance with **Conditions 13, 14, 15, and 16.**

The hourly emission limitation is established pursuant to Rule 1200-3-14-.03(5) of the TAPCR. The annual emission limitation is effectively established pursuant to **Condition 13.**

19. Carbon monoxide (CO) emitted from this source shall not exceed 14.5 pounds per hour and 3.6 tons per year. Compliance with these limits shall be indicated by compliance with **Conditions 13, 14, 15, and 16.**

The hourly emission limitation is established pursuant to Rule 1200-3-7-.07(2) of the TAPCR. The annual emission limitation is effectively established pursuant to **Condition 13.**

20. Nitrogen oxides (NO_x) emitted from this source shall not exceed 65.9 pounds per hour and 16.5 tons per year. Compliance with these limits shall be indicated by compliance with **Conditions 13, 14, 15, and 16.**

The hourly emission limitation is established pursuant to Rule 1200-3-7-.07(2) of the TAPCR. The annual emission limitation is established pursuant to the information contained in the agreement dated August 21, 2009, from the permittee.

21. Volatile organic compounds (VOC) emitted from this source shall not exceed 6.2 pounds per hour and 1.5 tons per year. Compliance with these limits shall be indicated by compliance with **Conditions 13, 14, 15, and 16.**

The hourly emission limitation is established pursuant to Rule 1200-3-7-.07(2) of the TAPCR. The annual emission limitation is effectively established pursuant to **Condition 13.**

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22. 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 power 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(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 West Tennessee Permit Program and the Field Office at the addresses listed below, no later than thirty (30) days after the air contaminant source is started-up.

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

Columbia Environmental Field Office
Division of Air Pollution Control
2484 Park Plus Drive
Columbia, TN 38401

(End of Conditions)