

STATE OF 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 1, 2014

Date Amended: March 24, 2015 **Amendment**

Date Expires: July 1, 2024

Permit Number:

068448P

Issued To:
TUTCO Inc.

Installation Address:
500 Gould Dr.
Cookeville

Installation Description:

One (1) 17 hp Natural Gas Fired Emergency Generator

Emission Source Reference No.

71-0190-03

40 CFR 63 Subpart ZZZZ

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 3, 2014 and signed by Mr. Fred Edgington, 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. The total heat input capacity for this source is 0.1 MMBtu/hr on a daily average basis. TAPCR 1200-03-09-.01(1)(d) and the application dated February 3, 2014.
3. Only natural gas shall be used as fuel for this source. TAPCR 1200-03-09-.01(1)(d) and the application dated February 3, 2014.
4. Particulate Matter (TSP) emitted from this source shall not exceed 0.6 lb/MMBtu (0.06 pound per hour). TAPCR 1200-03-06-.02(2).

Compliance Method: Compliance with this emission limit shall be assured by compliance with Conditions 2, 3 of this permit, and using the EPA AP-42 chapter 3, section 2, emission factor for particulate matter of Table 3.2-1.

5. Sulfur dioxide (SO₂) emitted from this source shall not exceed 0.1 pound per hour. TAPCR 1200-03-14-.03(5)

Compliance Method: Compliance with this emission limit shall be assured by compliance with Conditions 2, 3 of this permit, and using the EPA AP-42 , chapter 3, section 2, emission factor for sulfur dioxide (SO₂) of Table 3.2-1.

6. Visible emissions from this source shall not exhibit greater than twenty percent (20%) opacity, except for one (1) six-minute period per 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). Tennessee Air Pollution Control Regulations 1200-03-05-.03(6) and 1200-03-05-.01(1)
7. Pursuant to 40 CFR §63.6590(a)(1)(iii), this emission source is “an existing stationary RICE located at a minor source of HAP emissions.” The natural gas-fired engines shall comply with the following requirements:
 - (a) Operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.
 - (b) Comply with the following maintenance requirements:

For each	Meet the following requirements
Emergency stationary Compression Ignition (CI) RICE and Emergency stationary Spark Ignition (SI) RICE	a. Change oil and filter every 500 hours of operation or annually, whichever comes first;
	b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first;
	c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

(c) Maintain the following records:

- (i) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
- (ii) Records of actions taken to minimize emissions during periods of malfunction, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- (iii) Records of all required maintenance performed on the air pollution control and monitoring equipment.

Records 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.

- (d) The permittee shall install a non-resettable hour meter if one is not already installed.
- (e) There is no time limit on the use of emergency stationary RICE in emergency situations.
- (f) You may operate your emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year.
- (g) You may operate your emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing.
- (h) The General Provisions of 40 CFR 63 shall apply as indicated in Table 2C of 40 CFR 63 Subpart ZZZZ.

TAPCR 1200-03-09-.03(8) and 40 CFR §63.6625, §63.6603, §63.6605, §63.6640, §63.6655, Table 2d to Subpart ZZZZ

- 8. 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. TAPCR 1200-03-09.
- 9. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application. TAPCR 1200-03-09.
- 10. This permit is valid only at this location. TAPCR 1200-03-09-.03(6).
- 11. The permittee shall apply for renewal of this operating permit not less than sixty (60) days prior to the permit's expiration date. TAPCR 1200-03-09-.02(3)

(End of Conditions)

The permit application gives the location of this source as 36°8'5" Latitude and 85°32'11" Longitude

March 24, 2014 - This permit is amended to change the issue date from July 1, 2104, to July 1, 2014.
