

15A NCAC 02D .1408 STATIONARY COMBUSTION TURBINES

(a) This Rule applies geographically according to Rule .1402 of this Section.

(b) Unless the owner or operator chooses the option of emission averaging under Rule .1410 of this Section, the owner or operator of a stationary combustion turbine with a heat input rate greater than 100 million Btu per hour but less than or equal to 250 million Btu per hour shall comply with the following limitations:

- (1) Emissions of NO_x shall not exceed 75 ppm by volume corrected to 15 percent oxygen for gas-fired turbines, or
- (2) Emissions of NO_x shall not exceed 95 ppm by volume corrected to 15 percent oxygen for oil-fired turbines.

If necessary, the owner or operator shall install combustion modification technology or other NO_x control technology to comply with the applicable limitation set forth in this Paragraph.

(c) If the emissions are greater than the applicable limitation in Paragraph (b) of this Rule after reasonable effort as defined in Rule .1401 of this Section, or if the requirements of this Rule are not RACT for the particular stationary combustion turbine, the owner or operator may petition the Director for an alternative limitation or standard according to Rule .1412 of this Section.

(d) Compliance with the limitation established for a stationary combustion turbine under this Rule shall be determined:

- (1) using a continuous emissions monitoring system, or
- (2) using annual source testing according to Rule .1415 of this Section.

(e) If a source covered under this rule can burn more than one fuel, the owner or operator of the source may choose not to burn one or more of these fuels during the ozone season. If the owner or operator chooses not to burn a particular fuel, the sources testing required under this Rule is not required for that fuel.

*History Note: Authority G.S. 143-215.3(a)(1); 143-215.66; 143-215.107(a)(5), (7), (10);
Eff. April 1, 1995;
Temporary Amendment Eff. August 1, 2001; November 1, 2000;
Amended Eff. June 1, 2008; July 18, 2002.*