

**15A NCAC 02D .2621 DETERMINATION OF FUEL HEAT CONTENT USING F-FACTOR**

- (a) Emission rates for wood or fuel burning sources that are expressed in units of pounds per million BTU shall be determined by the "Oxygen Based F Factor Procedure" described in Section 5 of Method 19 of Appendix A of 40 CFR Part 60. Other procedures described in Method 19 may be used if appropriate. To provide data of sufficient accuracy for use with the F-factor methods, an integrated (bag) sample shall be taken for the duration of each test run. For simultaneous testing of multiple ducts, there shall be a separate bag sample for each sampling train. The bag sample shall be analyzed with an Orsat analyzer by Method 3 of Appendix A of 40 CFR Part 60. (The number of analyses and the tolerance between analyses are specified in Method 3.) The specifications stated in Method 3 for the construction and operation of the bag sampling apparatus shall be followed.
- (b) A continuous oxygen (O<sub>2</sub>) and carbon dioxide (CO<sub>2</sub>) monitor under Method 3E of Appendix A of 40 CFR Part 60 may be used if the average of all values during the run are used to compute the average concentrations.
- (c) The Director may approve the use of alternative methods according to Rule .2602 of this Section if they meet the requirements of Method 3 of Appendix A of 40 CFR Part 60.

*History Note:* Authority G.S. 143-215.3(a)(1); 143-215.65; 143-215.66; 143-215.107(a)(5);  
Eff. June 1, 2008.