

15A NCAC 02D .0407 NITROGEN DIOXIDE

(a) The ambient air quality standard for nitrogen dioxide is 0.053 parts per million (100 micrograms per cubic meter) annual arithmetic mean.

(b) Sampling and analysis shall be in accordance with procedures in Appendix F 40 CFR Part 50 or equivalent methods established under 40 CFR Part 53.

(c) The standards are attained when the annual arithmetic mean concentration in a calendar year is less than or equal to 0.053 parts per million, rounded to three decimal places (fractional parts equal to or greater than 0.0005 parts per million are rounded up). To demonstrate attainment, an annual mean must be based on hourly data that are at least 75 percent complete or on data derived from manual methods that are at least 75 percent complete for the scheduled sampling days in each calendar quarter.

*History Note: Authority G.S. 143-215.3(a)(1); 143-215.107(a)(3);
Eff. February 1, 1976;
Amended Eff. October 1, 1989; July 1, 1984; December 1, 1976.*