

1100 Air Quality Management Section

1108 Sulfur Dioxide Emissions from Fuel Burning Equipment

12/08/1983

1.0 General Provisions

- 1.1 The emission of sulfur dioxide from fuel burning equipment shall be controlled to a limit that shall meet the ambient air quality requirements.
- 1.2 The provisions of this regulation shall not apply to the start-up and shutdown of equipment which operates continuously or in an extended steady state when emissions from such equipment during start-up and shutdown are governed by an operation permit issued pursuant to the provisions of 2.0 of 7 **DE Admin. Code** 1102.
- 1.3 This regulation shall not apply to fuels used in fluid coking or catalyst regeneration.
- 1.4 This regulation shall not apply to fuels used by watercraft.

05/09/1985

2.0 Limit on Sulfur Content of Fuel

- 2.1 Except as provided in 2.2 of this regulation, no person shall offer for sale, sell, deliver, or purchase any fuel having a sulfur content greater than 1.0% by weight when such fuel is intended for use in any fuel burning equipment in New Castle County. No person shall use any fuel having a sulfur content greater than 1.0% by weight in any fuel burning equipment in New Castle County.
- 2.2 No person shall offer for sale, sell, deliver or purchase, or use in any fuel burning equipment, distillate fuel oil having a sulfur content greater than 0.3% by weight.
- 2.3 Oil Sampling Method - Oil samples shall be obtained using proper American Society for Testing and Materials (ASTM) methods or alternative methods approved by the Department.
- 2.4 Sulfur concentrations of residual and distillate fuels shall be determined by the x-ray absorption or the Parr oxygen bomb technique.

05/09/1985

3.0 Emission Control in Lieu of Sulfur Content Limits of 2.0 of This Regulation

The limits on sulfur content established by 2.0 of this regulation shall not apply to any fuel burning equipment employing emission control which limits sulfur dioxide emission to that which would result from burning, without emission control, a fuel permitted by 2.0 of this regulation. In order to employ an emission control rather than sulfur content limits as a means of complying with this Regulation, an owner or operator of fuel burning equipment must demonstrate to the Department in advance that the equivalent emission will be achieved.

12 DE Reg. 347 (09/01/08)