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OFFICIAL COMPILATION OF CODES, RULES AND REGULATIONS OF THE STATE OF NEW YORK
TITLE 6. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CHAPTER III. AIR RESOURCES
SUBCHAPTER A. PREVENTION AND CONTROL OF AIR CONTAMINATION AND AIR POLLUTION
PART 223. PETROLEUM REFINERIES

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223.9 Monitoring of confined process emissions and operations.

(a) Any source owner subject to the provisions of this Part shall install, calibrate, maintain and operate a continuous emission monitoring system for:

(1) the measurement of opacity of emissions from each fluid catalytic cracking unit catalyst regenerator;

(2) continuously monitoring and recording the concentration of carbon monoxide in emissions to the outdoor atmosphere from any new fluid catalytic cracking unit catalyst regenerator. An instrument with a span of 1000 ppm shall be used;

(3) the measurement of sulfur dioxide in the emissions to the outdoor atmosphere from the combustion of fuel gases, except where a continuous monitoring system is used for monitoring and recording the concentration of hydrogen sulfide in the fuel gas at any fuel gas combustion device. Fuel gas combustion devices having a common source of fuel gas may be monitored in one location;

(4) continuously monitoring and recording concentrations of sulfer dioxide in the emissions to the outdoor atmosphere from any new Claus sulfur recovery plant where compliance is achieved by burning of the tail gases; or continuously monitoring and recording concentrations of hydrogen sulfide and reduced sulfur compounds in the emissions to the outdoor atmosphere from any Claus sulfur recovery plant if compliance is achieved through the use of a reduction control system not followed by an afterburner.

(b) The average coke burn-off rate (thousands of kilograms/hr) and hours of operation for any fluid catalytic cracking unit catalyst regenerator subject to sections 223.3(b) and 223.5(b) of this Part shall be recorded daily.

(c) The source owner shall record daily the combustion rates of liquid or solid fossil fuels (liters/hr or kilograms/hr) and the hours of operation during which liquid or solid fossil fuels are combusted in the incinerator - waste heat boiler for any fluid catalytic cracking unit catalyst regenerator subject to section 223.3(b) of this Part and which utilizes an incinerator - waste heat boiler to combust the exhaust gases from the catalyst regenerator.

(d) Any person subject to the provisions of subdivisions (b) and (c) of this section shall maintain a file of the required measurements tabulated in a format acceptable to the commissioner.

(e) Such records of measurements shall be retained for a minimum of three years, and shall be furnished to the commissioner on his request.

(f) Any person subject to the provisions of subdivision (a) of this section shall submit a written report, at the request of the commissioner, of excess emissions of opacity and sulfur dioxide for each calendar quarter, and the nature and cause of the excessive emissions if known. For opacity measurements, the excess emissions report shall consist of the magnitude, in percent opacity, of all six-minute averages of opacity greater than the opacity standards in this Part for each hour of operation. For sulfur dioxide measurements, the excess emissions report shall include any six-hour period in which the average emissions (arithmetic average of six continuous one-hour periods) of sulfur dioxide exceed the standard under paragraphs (b)(2)-(3) of section 223.6 of this Part.

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