

**RULE 420 SULFUR CONTENT OF FUELS**

**Adopted 8-3-77**

**(Amended 8-13-81)**

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**100 GENERAL**

101 **PURPOSE:** To limit the emission of compounds of sulfur from combustion of fuels.

110 **EXEMPTIONS:** The provisions of this rule shall not apply to:

- 110.1 The burning of sulfur, hydrogen sulfide, acid sludge or other sulfur compounds in the manufacturing of sulfur or other sulfur compounds;
- 110.2 The incinerating of waste gases provided that the gross heating value of such gases is less than 2.14 kilogram- calories per cubic meter (300 British Thermal Units per cubic foot) at standard conditions and the fuel used to incinerate such waste gases does not contain sulfur or sulfur compounds in excess of the amount specified in this rule;
- 110.3 The use of solid fuels in any metallurgical process;
- 110.4 The use of fuels where the gaseous products of combustion are used as raw materials for other processes;
- 110.5 The use of liquid, or solid fuel, to propel or test any vehicle, aircraft, missile, locomotive, boat or ship;
- 110.6 The use of fuel with higher sulfur content where process conditions or control equipment remove sulfur compounds from the stack gases to the extent that the emission of sulfur compounds into the atmosphere is no greater than that which could be emitted by using a fuel which complies with the provisions of this rule;
- 110.7 The use of liquid fuel whenever the supply of gaseous fuel, the burning of which is permitted by this rule, is not physically available to the user due to accident, act of God, act of war, act of the public enemy, or other conditions of emergency.
- 110.8 The burning and incineration of sewage treatment plant waste gases provided that the fuel used to incinerate such gases does not contain sulfur or sulfur compounds in excess of the amounts specified in Section 301.

**200 DEFINITIONS (NOT INCLUDED)****300 STANDARDS**

301 **SULFUR CONTENT OF FUELS:** A person shall not burn any gaseous fuel containing sulfur compounds in excess of 1.14 grams per cubic meter (50 grains per 100 cubic feet) of gaseous fuel, calculated as hydrogen sulfide at standard conditions, or any liquid fuel or solid fuel having a sulfur content in excess of 0.5% by weight.

**400 ADMINISTRATIVE REQUIREMENTS (NOT INCLUDED)****500 MONITORING AND RECORDS (NOT INCLUDED)**

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