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Monterey - Santa Cruz  
County Unified APOD

JULY 1971

REGULATION IV - PROHIBITIONS

~~RULE 400 - Ringelmann Chart. A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:~~

~~a. As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United State Bureau of Mines, or~~

~~b. Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subsection (a) of this Rule.  
(Section 24242)~~

~~RULE 401 - Wet Plumes. Where the presence of uncombined water is the only reason for the failure of an emission to meet the limitations of Rule 400, that rule shall not apply. The burden of proof which establishes the application of this Rule 401 shall be upon the person seeking to come within its provisions.~~

~~RULE 402 - Nuisance. A person shall not discharge from any source whatsoever such quantities of air contaminants or other materials which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public or which endanger the comfort, repose, health or safety of any such persons or the public or which cause or have a natural tendency to cause injury or damage to business or property.  
(Section 24243)~~

~~RULE 403 - Particulate Matter. A person shall not discharge from any single source whatsoever particulate matter in excess of 0.3 grain per cubic foot of gas at standard conditions over a period of one hour.~~

~~RULE 404 - Specific Air Contaminants. A person shall not discharge from any single source whatsoever any one or more of the following contaminants in any state or combination thereof, exceeding in concentration at the~~

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point of discharge:

~~a. Sulfur compounds calculated as sulfur dioxide: 0.2 per cent by volume.~~

~~b. On or after January 18, 1971, combustion gases which contain more than the following amounts of oxides of nitrogen, including, but not limited to, nitric oxide and nitrogen dioxide, calculated as NO<sub>2</sub>.~~

~~(1) 140 pounds per hour for new or expanded installations.~~

c. On or after January 18, 1971, combustion gases from the combustion of a gaseous fuel which contains more than the following concentrations by volume of an hourly average of oxides of nitrogen, including but not limited to, nitric oxide and nitrogen dioxide.

(1) 350 ppm for equipment of less than 100 million BTU per hour.

(2) 300 ppm for equipment of between 100 million and 500 million BTU per hour.

(3) 200 ppm for equipment of between 1/2 billion and 1-1/2 billion BTU per hour.

(4) 150 ppm for equipment greater than 1-1/2 billion BTU per hour.

~~d. On or after January 18, 1971, sources other than combustion sources which contain more than 250 parts per million, by volume of oxides of nitrogen, including, but not limited to nitric oxide and nitrogen dioxide.~~

RULE 405 - Exceptions. Rules 400, 403 and 404 do not apply to:

a. Fire set by or permitted by a public officer if such fire is set or permission given in the performance of the official duty of such officer, and such fire in the opinion of such officer is necessary:

(1) For the purpose of the prevention of a fire hazard which cannot be abated by any other means, or,

(2) The instruction of public employees in the methods of fighting fire.

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~~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 failure of the supplier.~~

~~g. The use of liquid fuel during a period for which the supplier of gaseous fuel, the burning of which is not prohibited by this Rule, interrupts the delivery of gaseous fuel to the user.~~

~~RULE 411 - The provisions of Rule 410 shall not apply where sulfur compounds are removed from stack gases to the extent that the emission of sulfur compounds to the atmosphere is no greater than that which would be emitted by using a gaseous fuel complying with Rule 410.~~

~~RULE 412 - Dust and Fumes. A person shall not discharge from any single source whatsoever dust or fumes in total quantities in excess of the amount shown in the table on page 8.~~

RULE 413 - Separation of Emissions. If air contaminants from a single source operation are emitted through two or more emission points, the total emitted quantity of any air contaminant, limited in this Regulation cannot exceed the quantity which would be the allowable emission through a single emission point; and the total emitted quantity of any such air contaminant shall be taken as the product of the highest concentration measured in any of the emission points and the exhaust gas volume through all emission points, unless the person responsible for the source operation establishes the correct total emitted quantity.

~~RULE 414 - Combination of Emissions.~~

~~a. If air contaminants from two or more source operations are combined prior to emission and there are adequate and reliable means reasonably susceptible to confirmation and use by the control officer for establishing a separation of the components of the combined emission to indicate the nature, extent, quantity and degree of emission arising from each such~~

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~~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 failure of the supplier.~~

~~g. The use of liquid fuel during a period for which the supplier of gaseous fuel, the burning of which is not prohibited by this Rule, interrupts the delivery of gaseous fuel to the user.~~

~~RULE 411 - The provisions of Rule 410 shall not apply where sulfur compounds are removed from stack gases to the extent that the emission of sulfur compounds to the atmosphere is no greater than that which would be emitted by using a gaseous fuel complying with Rule 410.~~

~~RULE 412 - Dust and Fumes. A person shall not discharge from any single source whatsoever dust or fumes in total quantities in excess of the amount shown in the table on page 8.~~

~~RULE 413 - Separation of Emissions. If air contaminants from a single source operation are emitted through two or more emission points, the total emitted quantity of any air contaminant, limited in this Regulation cannot exceed the quantity which would be the allowable emission through a single emission point; and the total emitted quantity of any such air contaminant shall be taken as the product of the highest concentration measured in any of the emission points and the exhaust gas volume through all emission points, unless the person responsible for the source operation establishes the correct total emitted quantity.~~

RULE 414 - Combination of Emissions.

a. If air contaminants from two or more source operations are combined prior to emission and there are adequate and reliable means reasonably susceptible to confirmation and use by the control officer for establishing a separation of the components of the combined emission to indicate the nature, extent, quantity and degree of emission arising from each such

source operation, this Regulation shall apply to each such source operation separately.

b. If air contaminants from two or more source operations are combined prior to emission, and the combined emissions cannot be separated according to the requirements of Rule 414 a., this regulation shall be applied to the combined emission as if it originated in a single source operation subject to the most stringent limitations and requirements placed by this regulation on any of the source operations whose air contaminants are so combined.

~~RULE 415 - Sulfur Content of Fuels. Notwithstanding the provisions of sections (f) and (g) of Rule 410, after July 1, 1972, a person shall not burn in any fuel burning equipment of more than 15 million BTU per hour capacity any liquid or solid fuel having a sulfur content in excess of 0.5% by weight. It shall not be a violation of this rule to burn such fuel for a period not to exceed three successive calendar days (and in addition, for that period of time necessary for the Hearing Board to render a decision, provided that an application for a variance is filed within said three day period) when other fuel which complies with this Rule is not available due to accident, strike, sabotage or act of God.~~