

## RULE 406

### Specific Contaminants

A person shall not discharge into the atmosphere from any single source of emission whatsoever, any one or more of the following contaminants in any state or combination thereof, exceeding in concentration:

- (a) Sulfur compounds, which would exist as a liquid or gas at standard conditions, calculated as sulfur dioxide (SO<sub>2</sub>):  
  
500 ppm by volume.
- (b) The following elements and compounds which would exist as liquid or gas at standard conditions:

<u>ELEMENT OR COMPOUND</u>	<u>LIMITATIONS (PPM BY VOLUME)</u>
Hydrogen Fluoride (HF)	400
Hydrogen Chloride (HCl)	800
Hydrogen Bromide (HBr)	50
Bromine (Br)	50
Chlorine (CL <sub>2</sub> )	450
Fluorine (F <sub>2</sub> )	50

This rule does not apply to combined fluorides, chlorides or bromides, other than the acid version. With respect to fluorides, the rule applies only to the combustion of hydrogen-containing fuels and fluorine-containing oxidizers to form hydrogen fluoride.

Compliance of aerospace vehicle rocket engine firings with the limits of this rule shall be determined by measurement of contaminant concentrations at ground level at the property line, or boundary, of the military base, reservation, or property on which the test site is located.

[SIP: Approved subpart (a) only 12/21/78, 43 FR 52486, 40 CFR 52.220(c)(42)(xiii)(A)]