

RULE 207. INSTACK MONITORING - 100 TPY SOURCES

Adopted: 09/05/74 Revised: 05/12/93

A person operating or using any article, machine, equipment, or other contrivance for which these rules require a permit and which emits into the atmosphere 100 tons or more per year of non-methane hydrocarbons, oxides of nitrogen, oxides of sulfur, reduced sulfur compounds, particulate matter or more per year of carbon monoxide shall install and maintain in good operational conditions continuous monitoring devices for the pollutants and sources designated.

TABLE I - PERFORMANCE SPECIFICATIONS	
A. Monitoring System for SO ₂ and NO _x	
<u>Parameter</u>	<u>Specification</u>
Accuracy*	< 20% of the mean value of the reference method test data
Calibration Error*	< 5% of each (50%, 90%) Calibration gas mixture value
Zero Drift (2 hour)*	2% of span
Zero Drift (24 hour)*	2% of span
Calibration drift (2-hour)*	2% of span
Calibration Drift (24-hour)*	2.5% of span
Response Time	15 minutes maximum
Operational Period	168 hours minimum
B. Monitoring System for O ₂ or CO ₂	
<u>Parameter</u>	<u>Specification</u>
Zero drift (2 hours)*	< 0.4% O ₂ or CO ₂
Zero drift (24 hours)*	< 0.5% O ₂ or CO ₂
Calibration drift (2 hours)*	< 0.4% O ₂ or CO ₂
Calibration drift (24-hour)*	< 0.5% O ₂ or CO ₂
Operational period	168 hours minimum
Response time	10 minutes

* Expressed as sum of absolute mean value plus 95 percent confidence interval of a series of tests.