

The background of the top half of the page is a photograph of an industrial facility at sunset. The sky is a vibrant orange and yellow, with the sun low on the horizon. Several tall, dark industrial towers and structures are silhouetted against the bright sky. In the center, a flare stack is visible, with a bright orange and yellow flame rising from it. The overall scene is industrial and atmospheric.

SIEMENS

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Meet 40CFR60 Subpart Ja Regulations Total Sulfur, H₂S and BTU

Reliable, Predictable and Turnkey

Process Analytics

Meeting the regulatory flare measurement requirements in a reliable and predictable manner is not just about analyzers, it is about providing a measurement system solution. It demands knowledgeable front end engineering to ensure satisfying the regulatory requirements adapted to your plant specific needs. It requires measurement system solutions with sample transport integrity, system integration, installation and commissioning.

Based on comprehensive engineering, understanding environmental regulations and intent, having many decades of knowledge and analytical experience, compliant and maintainable measurement systems are ensured. We understand the environmental regulations and their intent, and we provide turnkey measurement solutions that enable you to be compliant.

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40CFR60 subpart Ja – Monitoring requirements for new or recently modified Flares include emissions for H₂S and Total Sulfur (TS).

Siemens draws on eight decades of combined experience in process analyzers and worldwide market leadership in online process gas chromatography to address these requirements.

Single source supplier for environmental monitoring solutions.

We don't just provide products, we use our leading-edge portfolio to create comprehensive measurement solutions with affordable lifecycle cost, reliable long-term performance and simplicity.

Siemens reduces total cost of ownership (TCO) by addressing the two-thirds of longer-term monitoring costs that arise from utilities and maintenance.

Long experience/leader in environmental measurement in the HPI/CPI industry

- 40CFR60 subpart J (H₂S in fuel gas)
- 40CFR60.18 (BTU of fuel gas)
- SCAQMD Rule 1118 (Control of Emissions from Refinery Flare)
- Texas Title 30; Part 1; Chapter 115 Control of air pollution from VOCs (HRVOC)
- 40CFR75 (CEMS on boilers and furnaces)
- 40CFR59, 80, 85, 86 (Benzene in gasoline)



We provide products and solutions to comply with Subpart Ja:

- Total Sulfur with MAXUM II Process Gas Chromatograph – proven, repeatable and dependable
- H₂S and/or BTU with MAXUM II Process Gas Chromatograph in one analyzer
- Sample probe, transport tubing and conditioning ensuring sample integrity
- System Integration for comprehensive and turnkey measurement system
- Front End Engineering to ensure meeting the regulations and saving cost of ownership
- Installation & commissioning – turnkey from one company
- Lifecycle support, upon demand or scheduled, best-in-class to ensure uptime and correct measurement

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