

Downstream Chemicals
Process Treatment

H₂S levels in flare gas

Comply with EPA regulations to limit H₂S in fuel gases sent to combustion systems

Regulation details

The U.S. Environmental Protection Agency's (EPA) New Source Performance Standard (NSPS) for Petroleum Refineries, Subpart Ja, requires refiners to monitor and limit the amount of H₂S in fuel gases sent to combustion systems and burned in a flare. Non-compliance will result in costly penalties.

Who is impacted?

Many U.S. refineries using flare gas systems are impacted by the EPA's regulation, especially those without costly process units to remove H₂S.

What can you do to comply?

You have several options:

- Spend millions of dollars to construct process units to remove H₂S, which will result in downtime and increased long-term maintenance costs
- Reduce plant throughput to align with H₂S limits
- Choose a more affordable approach by implementing an effective H₂S scavenger management program

Why an H₂S scavenger management program?

A custom H₂S scavenger management program is an economical way for refineries to improve EPA compliance, maximize performance, and maintain asset integrity. Work with Multi-Chem, a Halliburton Service, to benefit from proven experience and a service-focused approach.



Benefits

- Comply with EPA regulations
- Mitigate risk
- Avoid capital expenditure
- Minimize operational downtime
- Maximize profitability
- Deliver a service-focused approach

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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