

# H<sub>2</sub>S Levels in Flare Gas

## COMPLY WITH EPA REGULATIONS TO LIMIT H<sub>2</sub>S IN FUEL GASES SENT TO COMBUSTION SYSTEMS

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### 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 H<sub>2</sub>S 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. This is especially true for refineries that do not have costly process units in place to remove H<sub>2</sub>S.

### WHAT CAN YOU DO TO COMPLY?

You can spend millions of dollars to construct processor units to remove H<sub>2</sub>S, which will result in downtime and drive up long-term maintenance costs. You can reduce plant throughput to align with H<sub>2</sub>S limits, or choose a more affordable approach and implement our effective H<sub>2</sub>S Scavenger Management Program.

### WHY AN H<sub>2</sub>S SCAVENGER MANAGEMENT PROGRAM?

Athlon's custom H<sub>2</sub>S Scavenger Management Program is an economical way for refineries to improve EPA compliance, maximize performance, and maintain asset integrity. Take advantage of proven experience and a service-focused approach by partnering with Athlon, a Halliburton Service.

### KEY BENEFITS

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



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