

## Temporary Hydrogen Sulfide (H<sub>2</sub>S) Continuous Emissions Monitoring (CEM) System

### Background

As petrochemical companies are forced to monitor new processes based on tighter regulations, the need has arisen for temporary systems to be online 24 hours a day until permanent systems can be installed. Our client had new process ready to begin operations, but delays on the permanent CEM system were halting production. They looked to CleanAir to develop a short-term solution to this monitoring problem in order to begin operations.

### CleanAir's Approach

CleanAir installed and managed a temporary CEM system to measure H<sub>2</sub>S and TRS from the header of a flare. The temporary CEM system passed a RATA after installation and was remotely operated by CleanAir for the subsequent time. While the system was originally expected to run for several weeks, our system was in place for over a year before the permanent CEM system was installed and began operation.

### Results

The temporary CEM system allowed our client to begin production just a short time after contacting CleanAir. Our system allowed them to meet their regulatory requirements until the permanent system was installed. Additionally, by remotely operating our CEM system, CleanAir was able to do this with minimal time onsite and at a significantly reduced cost.

### Summary

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