

Case Study

Improving PHA Efficiency with Salus Reporting Tools

Service: Salus: Relief & Flare System Documentation

Facility Type: Refinery

A Gulf Coast refinery struggles with inconsistent PHA reports due to uncertainty around relief system data. During PHAs, teams either assume the relief system is designed correctly or create unnecessary action items to confirm its capability, both of which introduce inefficiencies and risk. These assumptions often lead to wasted resources, misaligned priorities, and inconsistent reporting outcomes, all of which slow the process and affect safety assurance.

The Salus Solution

By providing instant access to PSV summary sheets and detailed analysis reports through its web-based platform Data Insights, Salus empowers PHA teams to make informed decisions without needing to consult a relief systems expert. For simple cases, teams can immediately verify system design; for more complex discussions, detailed analysis reports are just a few clicks away. Unlike traditional platforms that require printed reports or expert intervention, Salus allows teams to operate independently, improving both accuracy and efficiency. This accessibility ensures that relief systems data becomes part of real-time PHA discussions, rather than a disconnected follow-up task. Salus is designed to support facility teams with simple navigation and quick access to critical documentation, no expert required.

Results

- » **Faster Decision Making:** Teams access critical relief system data instantly, enabling quicker, more confident decisions.
- » **Reduced Expert Dependency:** Salus eliminates the need for relief systems experts for basic verification or report generation.
- » **Improved Report Accuracy:** With reliable data readily available, teams generate action items based on the current verified systems design.
- » **On-Demand Reporting:** PSV summaries and full analysis reports are instantly accessible online from any device.

