

PSM Program For A Natural Gas Distributor

Project Scope

The client has multiple gas gathering, treating, and processing systems with limited or outdated Process Safety Information (PSI). The client undertook a program to develop the PSI to support their PSM program in accordance with OSHA 1910.119.

Solution

Design Group supported the client in implementing a PSM program to meet an aggressive schedule of Process Hazard Analyses. The project team provided the below solutions.

- **Maximum Intended Inventory:** Report for the total flammable liquids to determine if facility qualifies under PSM program.
- **Simulation Development:** Conducted the simulation of existing process plants and generated H&MB.
- **As-Built Drawings:** Site Walkdown to Redline and draft the P&IDs As-Built.
- **Pressure Safety Value (PSV) Evaluations:** Evaluated the Relief Systems and PSV per API 520/521.
- **Hazardous Area Class Audit and Remediation:** Audited plants and provided Area Class Inspection and drawings report. Followed by Area Class Remediation services to bring the facilities in closer compliance with the API and NEC standards.
- **Process Hazard Analysis:** Participated in Process Hazard Analysis.
- **Engineering Lists:** Developed Engineering Lists (Equipment list, PSV List, Line list, etc.)

We can assist in evaluating and establishing robust Process Safety Management (PSM) and Risk Management Plan (RMP) programs for your facility.

Connect with our PSM/RMP experts today. [Contact Us.](#)

Design Group operates from 45+ offices in the US and India providing engineering, consulting, and technical services to the world's leading companies in the Food & Beverage, Life Sciences, Advanced Technology, Industrial, and other market sectors. Our nearly 1500+ technical and engineering experts have direct industry experience in industrial automation, control system integration, facility and process engineering, architecture, construction management, regulatory compliance, enterprise technology, and other consulting services.



This client is a leading distributor of natural gas.

Frequently Asked Questions

- Is my entire facility covered by PSM/RMP?
- We have two processes at two different locations of the site. Does it fall under PSM/RMP?
- Our site is in full compliance with PSM program. Can Design Group support us to be in full compliance with RMP as well?
- Our site has been running safely for last 50 years. Why do I need to spend money for a plant that is already safe?
- Can Design Group develop a software to make one complete platform for our PSM/RMP Program?
- How long will it take for our company to fully comply with the PSM/RMP program?

