

Pipeline Process Safety Management

The Need for a Pipeline PSM System

A proper process safety management (PSM) system can help you comply with local, state and federal PSM regulations. A proactive approach, coupled with properly planned and implemented PSMs, can help minimize loss of life, environmental impact, equipment damage, citations and litigation.

Our services provide you with a foundation for implementation of pipeline integrity management to comply with DOT Pipeline Safety Regulation 195.452.

Pipeline Materials Covered

- Natural gas
- Natural gas liquids
- Liquefied petroleum gas
- Hydrogen and carbon monoxide
- Ethylene and propylene oxide
- Nitrogen
- Crude petroleum and refined products
- Supercritical ethylene

Experienced Professionals

ioMosaic professionals have decades of experience working with pipeline PSM systems, which means you will have unrivalled efficiency and expertise at your disposal.

Our experts are at the forefront of pipeline PSM proficiency, having worked with numerous industry groups and companies to develop safety and risk management systems, guidelines and standards, and audit protocols.

Allow ioMosaic help you feel confident in your process safety decisions.

Pipeline Hazard Analysis

We can provide senior safety engineers with experience in conducting pipeline HAZOP studies or FMEAs. These methodologies are applied to identify hazards due to design, construction or third-party intervention and estimate relative risk.

Pipeline Vulnerability/Risk Analysis

Since 9/11, concern over the vulnerability of utility systems, including pipelines, has increased significantly. By reviewing pipeline routes and operational surveillances aspects, we pinpoint areas of vulnerability with high potential impact. We then assess the impact of loss-of-containment events from pipelines and provide an accurate determination of the hazard zones for flammable vapor clouds and jet fires.

Pipeline Reliability/Availability

We have considerable experience in applying reliability analysis to utility systems, such as LNG vaporizers and power-generating plants. The same methodology is applied to transmission pipelines to determine capacity utilization and availability.



About us...

ioMosaic Corporation is the leading provider of safety and risk management consulting services, training and software solutions. Our first-hand knowledge of industry standards and regulations, coupled with decades of experience, provides us the rare ability to understand an issue from both the client's and regulator's perspective. We have industry-adopted tools and methodologies that we can apply to your most basic or complex problems and challenges.

For more information, please visit our website at www.ioMosaic.com or contact us at sales@ioMosaic.com or F 603.386.6522.

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