

Emergency Relief System Design

The Case for Emergency Relief System Design

Emergency relief system (ERS) design is a keystone in achieving process safety. Effective ERS design helps companies meet risk management goals, compliance requirements and sound business practices.

OSHA PSM Rule (29 CFR 1910.119) requires companies to compile information involving the design and design basis of relief systems.

Aspects of ERS Design

- Process safety information for pressure relief
- Structural dynamics
- Process simulation studies
- Codified design basis determination
- Integrated effluent handling
- Pressure relief device design computation
- Benchmark calorimetry
- Training

Experienced Professionals

ioMosaic's risk-based approach helps companies mitigate near-unventable scenarios to a tolerable level of risk and develop economical designs for more credible events.

- We have the expertise to safeguard against error and provide integrated solutions
- Your most difficult ERS situations will be handled by our reactivity screening and data testing experts
- We offer leading-edge courses in pressure-relief design and related topics

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

ERS Design Tools

SuperChems™ is an integrated platform for pressure relief design, chemical reactivity assessment and management, consequence analysis and quantitative risk analysis. **C o m b i n e** with **ioXpress™** for a complete pressure relief system data lifecycle management solution.

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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