

Relief Header and Flare Analysis Systems

What You Need to Know About Relief and Flare Systems

- OSHA requires employers to have proper and current documentation for relief and flare systems

If you recently had process expansions or modifications, your relief system design documentation may not be up to date

- Under API-521 and OSHA standards, documentation requirements are becoming more stringent and are resulting in costly fines
- Relief and flare systems are affected by processing modification, expansion, debottlenecking and other changes, and documentation must be updated accordingly

Experienced Professionals

ioMosaic knows that appropriately designed and documented relief systems not only avoid citations, but make good business sense by saving both money and time.

We apply proven methodologies enhanced through decades of experience working with refineries and chemical plants.

Our professionals assist you by providing properly designed pressure relief systems that save your operating equipment in the event of an emergency, avoiding both capital spending to replace damaged equipment and costly downtime.

Proven Tools

SuperChems™ is an integrated platform for pressure relief design, chemical reactivity assessment and management, consequence analysis and quantitative risk analysis.

SuperChems can perform sizing calculations, account for header and flare stack hydraulics, and calculate the radiation effects due to flaring.

ioXpress™ software improves how you electronically store and track relief system design documentation, which saves you time during process hazard analyses and review cycles by ensuring the design bases are readily available.

Combined, this software provides 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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