

Emergency Relief System Training

Your Source for Practical ERS Guidance

Whether you are a facility manager who must understand the basics of ERS design, part of a team of engineers who regularly perform relief system sizing and pipe flow calculations, or are anywhere in between, ioMosaic offers a course to address your needs.

At our own state-of-the-art conference center, we offer a variety of generalized ERS and SuperChems™ training courses. These courses focus on the fundamentals of how to determine relief device sizing requirements for various overpressure scenarios and calculate the available capacity of existing or proposed piping systems. We also provide step-by-step instructions for the basics of using SuperChems to prepare and run these calculations based on guidelines from CCPS and API 520.

If a more focused approach is what you have in mind, we also offer specialized education onsite at your facility. These courses can be fully customized to suit the needs and skill level of your personnel, providing you with the most efficient and beneficial instruction available for your dollar.

The ioMosaic Method

ioMosaic's proven methodologies have been developed through decades of first-hand experience in the field. Our instructors provide you with clear and practical recommendations for how to:

- Implement cost-effective and recognized and generally accepted good engineering practices
- Improve efficiency
- Protect your profits
- Reduce exposure to incidents
- Comply with safety regulations and company standards

We offer both open enrollment and onsite training. Onsite training is tailored to meet your specific needs and requirements.

The ioMosaic Training Institute

We created the ioMosaic Training Institute to provide our clients with unlimited access to our experienced professionals across a wide spectrum of safety, technology and risk management.

Experienced Professionals

ioMosaic training courses are led by our senior professionals and invited industry experts. Our instructors are well-known for the depth of their experience, and strong academic and operating backgrounds.

Continuing Education Credits

Our training courses address the requirement of the International Association for Continuing Education and Training (IACET) and participants receive continuing education credits.



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.

Contact Us

Salem

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93 Stiles Road
Salem, NH 03079
T 603.893.7009

Houston

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Suite 850
Houston, TX 77057
T 713.490.5220

Minneapolis

401 North 3rd Street
Suite 410
Minneapolis, MN 55401
T 612.338.1669

Emergency Relief System Training

Complete Course Listing

Open Enrollment Courses

- Applied QRA and Facility Siting Using SuperChems™
- Auditing ERS Design
- Combustible Dust PHA Leader Workshop
- Consequence Analysis Modeling
- Deflagration Vent Sizing
- Facility Siting Workshop
- Fault Tree Analysis/SIL Evaluation
- Managing LNG Risks
- Practical ERS Design
- PHA Leader Training
- Process Safety in Mergers and Acquisitions
- Quantitative Risk Analysis
- Software User Group Meeting
- SuperChems for Beginners
- SuperChems Hands-On Training
- Understanding Combustible Dust Good Engineering Practices

Onsite Training Courses

In addition to the open enrollment courses, we also offer the following courses for onsite training:

- Advanced Consequence Modeling
- Auditing Process Safety Management Systems
- Detailed Methods for Pressure Relief and Effluent Handling Design
- Implementing Process Safety Management Systems: Realizing the Business Benefits of PSM
- Introduction To Fire and Flammability
- Introduction to Pressure Relief Design Using SuperChems
- Introduction to Risk Management
- Pre and Post Release Mitigation Techniques
- Process Hazards Analysis
- Process Safety Fundamentals
- Simplified Techniques for Pressure Relief Design

General Course Information

Enrollment Information

We suggest you register as early as possible as enrollment for each course is limited. You may register online at: www.iomosaic.com or via telephone or facsimile. We accept payment by check, credit card or company purchase order.

Times

Course registration and check-in begin one half hour before start time on the first day of each course. Courses will typically run from 8:00 a.m. to 5:00 p.m.

Cancellations

Please notify us of cancellations in writing as soon as possible. Cancellations within two (2) weeks of the course date are subject to a charge of 50% of the registration fee. If you fail to notify us of your cancellation before the course begins, you will be responsible for the full fee. There is no charge for substitutions.

Location and Lodging

Please contact us at 603.893.7009 to find out which hotel will be available for each course. Participants are responsible for making their own hotel reservations.

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