

# Incident Investigation

## The Need for Incident Investigation

Most companies do not experience serious incidents very often and in-house safety personnel may not have acquired the skill set to effectively conduct an incident investigation. The investigation of fires, explosions and toxic substance releases generally requires expertise in a variety of technical disciplines. In addition to an understanding of the nature, causes and effects of such events, expertise in structural analysis, statistical analysis, analytical chemistry, thermodynamics, reaction kinetics, chemical processing and heat transfer are often needed.

## Experienced Professionals

ioMosaic can provide professionals with decades of experience in incident investigation. Having led and participated in many investigations for process industry companies, we have extensive knowledge of the most efficient methodologies. We are also cognizant of the need to be at the site of the incident shortly after the event has occurred. In most cases, we can have our professionals on site within 24 hours from the time we are notified of an incident.

- **Root Cause Analysis:** Utilizing our fault tree analysis experience, we can facilitate root cause analysis.
- **Verification of Physical Evidence:** In addition to extensive computational capabilities, ioMosaic has a strategic alliance with ioKinetic, LLC, a state-of-the-art facility conducting thermal hazard analysis and combustible dust characterization testing.

## Incident Investigation Training

The first 15 minutes after an incident are crucial for gathering the facts about what happened. After this time, valuable information, which can deeply affect a company's operations, is quickly lost.

We offer a training course, Modern Incident Investigation and Analysis, that offers proven techniques for obtaining the right information from incidents and near misses, and meeting the incident investigation and reporting requirements of the OSHA PSM Standard (29CFR1910.119). In this course, we embrace the principal of the Center for Chemical Process Safety (CCPS) that states, "Incidents should be viewed as opportunities to improve management systems rather than as opportunities to assign blame."



## 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](http://www.ioMosaic.com) or contact us at [sales@ioMosaic.com](mailto:sales@ioMosaic.com) or F 603.386.6522.

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