

Combustible Dust Management

Managing hazards associated with handling combustible dusts requires an understanding of dust characteristics coupled with a thorough knowledge of evolving combustible dust management standards and practices.

ioMosaic has the tools to help you:

- Characterize your dust
- Conduct process hazard analyses
- Develop programs (management of change)
- Design dust deflagration vents

ioMosaic consultants can help develop your program from inception through execution or address specific aspects of combustible dust hazard management.

Key Services Available

- Dust characterization testing and analysis
- Initial assessment
- PHA
- Deflagration vent sizing
- NFPA 654 compliance audit
- Employee training
- Standard development
- Software solutions for PHAs, management of change and data management
- Incident investigation

Dust Testing

The list of available dust characterization tests is extensive. Before you invest time and money, let our consultants help you define which tests are relevant to your application.

Process Hazard Analysis

Analyzing your operations can take many forms. From initial assessments to detailed process hazard analyses (PHAs) our consultants can help you come into compliance with the requirements of current codes and standards from OSHA, NFPA, ASTM, etc.

Program Development

Codes and standards from government and industry groups are changing at a rapid pace. Our professionals make a point of staying abreast of recent best practices, so that we may help you navigate this complicated and changing area.

Deflagration Vent Sizing

ioMosaic has the capability to design dust deflagration vents using both the shortcut methods in NFPA 68 or dynamic modeling (for those systems outside the parameters of NFPA 68).

Combustible Dust Management Tools

In addition to consulting services, we offer several software solutions to help you address the ongoing requirements of managing combustible dusts:

HAZOPTimizer™ includes pre-populated checklists for simplifying the conduct of process hazard analysis.

ioXpress™ is a customizable enterprise knowledge management solution that can help you manage dust data and provide workflow solutions for management of change and action item management.

SuperChems™ includes routines for implementing both the shortcut methods found in NFPA 68 and dynamic models for more complicated systems.



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

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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