



Session 3D:

Dust Hazards for AHJ's – Need a Dust Hazard Analysis?

Companies that store, handle or produce combustible dusts have a responsibility – and are required - to ensure safe operations. This session program provides a high-level overview of combustible dust hazards, the fundamentals of hazard analysis, and specifically the requirements of the adopted fire codes and NFPA standards.

The IBC, IFC, and NFPA 1 all require compliance with NFPA 652 and execution of a Dust Hazard Analysis (DHA) for all combustible dust producing operations and outlines the minimum requirements and methodology for conducting a DHA.

Required compliance with NFPA 652 necessitates design of safety features based on a DHA specific to the facility, as well as specific employee training programs specific to exposures to combustible dust hazards and potential risks. The DHA identifies fire, flash fire, and explosion hazards pertaining to combustible dust and establishes recommendations for hazard management.



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Mohammed is an experienced Industrial Process Safety Consultant with Harrington Group. His focus is on fire/explosion hazards associated with combustible dusts, flammable liquids/vapors, and gases. He also conducts onsite analysis to identify hazardous risks. He develops Dust Hazard Analysis (DHA), Process Safety Management (PSM) audits, Hazardous Area Classification (HAC); develops and trains plant personnel on relevant risks, and identifies electrostatic hazards. Muhammed has conducted onsite analysis within the aerospace, chemical, food, and paper/wood industries. Mohammed is well versed with associated regulatory codes and standards. He earned his BS in Chemical Engineering from Stevens Institute of Technology.

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