



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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Robert is an AVP/Associate Project Manager with Harrington Group and began working in the fire protection engineering industry in 2011 in the areas of fire and explosion engineering and process safety. His focus is on dust explosions and hazard analysis with an emphasis on providing clients with technical solutions that provide the most efficient process design while keeping employees and property protected. He is a registered Fire Protection Engineer, and earned his MS in Fire Protection from Worcester Polytechnic Institute (WPI) and his BS in Chemical and Biomolecular Engineering from Georgia Tech.

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