

D U S T C O N T R A I N I N G

Identifying and Preventing Combustible Dust Explosions

**Operator/Contractor
Training bundle**

Course Description

Course Title	Duration	Course Description
Combustible Dust Basics	1 Hour	Combustible Dust Hazards pose a serious risk to an organization's assets and personnel across a variety of industries. This course will provide an introduction to what combustible dust is, the hazards that arise from the handling of combustible dust, dust explosion statistics, the regulations related to combustible dust, and the common protection schemes. Examples of combustible dust incidents will be reviewed, including the Didion Milling explosion (2017). Process Hazards, and Likely Ignition Sources by industry.
Identifying Common Hazards	1 Hour	Identifying the hazards of combustible dust on the plant floor is a powerful way to reduce the consequence of an incident or to avoid the incident in the first place. This course focuses where to look for fire and explosion hazards and what are the early warning signs to look out for before an event. Includes review of Hoeganaes explosion (2011).
Smart Housekeeping	1 Hour	Housekeeping is arguably the single most effective way to prevent a primary incident from cascading into a devastating explosion that across all areas of the facility. This course will focus on the best practices for cleaning up spills, avoiding accumulations, and how to avoid creation of dust clouds during the housekeeping activities. Includes case study of Imperial Sugar (2008).
Avoiding Ignition	1 Hour	Ignition sources are everywhere in a manufacturing facility. This course focuses on the most common ignition sources that initiate a combustible dust incident and how to control them. This course includes a Case Study of explosion at a Petfood Plant in Flagstaff AZ (2014) Process Hazards, and Likely Ignition Sources by industry.



Who Should Attend?

- Operators, Contractors
- Maintenance Staff
- Supervisors
- Plant Engineers
- EHS Staff



How Courses are Offered

- On-Line
- In-Person



Contact Us for More Information:

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