

AIChE[®] INSTRUCTOR LED TRAINING

Course Number: CH034	Course Title: Combustible Dust Hazards: Dust Explosions
http://www.aiche.org/ccps/education/courses/ch034/combustible-dust-hazards-dust-explosions	

- Introduction to explosions and their effects
- A dust explosion case study
- Dust explosion statistics
- Propagation of dust explosions
- Explosion Prevention and Protection
 - Oxygen/Fuel Control
 - Ignition Control
 - DPC
 - Deflagration Venting
 - Deflagration Suppression/Isolation
- OSHA NEP
- Hazard Communication
- Effects and consequences of dust explosions
- Overview of publicly available protection and prevention standards
- Dust explosion hazard tests
- Potential adverse effects of dust explosion protection systems (examples from venting, inerting and suppression)
- Tools for vulnerability/consequence analysis and incident investigation