



**Class Size**  
20-30 Students

**Class Time**  
4-6 Hours

# Coal Handling Hazards Awareness

with F-500 EA®



## Course Overview

This course trains plant personnel to identify combustible dust hazards in coal handling systems and develop effective emergency response using F-500 EA®. It addresses fire and explosion risks associated with Powder River Basin (PRB) coal, providing proven strategies for managing silo and bunker incidents with greater awareness, control, and safety.

**Hazard Control Technologies, Inc.**

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## Course Objectives

- ☐ Identify hazards of PRB coal and coal dust with an emphasis on recognizing and mitigating fugitive, float, and forgotten coal dust hazards.
- ☐ Explain spontaneous combustion and dust explosion characteristics to develop safer techniques for extinguishing bin, silo, and bunker fires.
- ☐ Prepare combustible dust reduction and housekeeping protocols while reviewing systematic hazard elimination processes with F-500 EA®.
- ☐ Demonstrate assembly and use of our line of F-500 EA®-powered fire equipment to develop incident communication plans for deployment.

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