



On-Site Training Services for Power Plants

At Hazard Control Technologies, Inc. our mission is to provide the highest level of on-site, emergency response safety and hazard management training, as effectively and efficiently as possible to ensure that your employees are well prepared to deal with in-plant hazards you may face. Each training course can be customized to meet your time requirements and best suit your facility's hazard response capabilities. Our trained instructors can help you develop proper plant specific emergency response procedures.

The Economical Choice - On-Site Training

Our on-site training classes are a cost effective way to train your staff. Employee travel expenses are eliminated and employee downtime is minimized by bringing the training to your facility. This allows you to include everyone involved with these hazards, providing the training they need. Training at your facility with your equipment better prepares first responders and local fire departments to handle the hazards specific to your facility. After training, HCT can leave the training department with training materials, hazard awareness videos and the industry's best guidelines and procedures.

On-Site Training Courses

Power Plant Hazard Awareness Training

This course covers all aspects of power plant fire and explosion hazards including transformers, turbines, boiler fronts and the entire coal handling system from the coal yard to the pulverizer. The course addresses each hazard and offers best practice solutions. The employee will learn about sub-bituminous coal and why it is dangerous. Coal dust management will be discussed with various solutions to reduce the potential of spontaneous combustion. Attendees will learn how to locate and mitigate coal hot spots in coal yards, bunkers and silos. The course is in sections, so management can plan for employees to attend the classes pertinent to each employee. The course can include testing at the end with certificates issued to successful graduates. A piercing rod demonstration can also be included.

Hazard Awareness Training is recommended for a broad employee audience - operations, management and all employees working around transformers, turbines, boilers and the entire coal handling system. Employee awareness is critical to rapid hazard mitigation.

Typical Course Length: 7 hours (1 hour additional for optional piercing rod demonstration)



Coal Handling Hazard Awareness Training

All aspects of coal handling hazards are presented in this course. The student will learn the contributing factors to spontaneous combustion and the characteristics of sub-bituminous coal that make it so volatile. The course provides solutions to mitigate hazards and techniques to safely handle hot spots or fires that occur.

This course is recommended for operations, management and all employees involved in the coal handling system.

Typical Course Length: 5 hours (1 hour additional for optional piercing rod demonstration)

Bulk Storage Fire Response Training

This course presents an awareness of the hazards associated with sub-bituminous coal and a clear understanding of coal's characteristics. The student is taught "Recommended Practice" of the PRB Coal Users' Group to identify, locate and safely mitigate hot spots in coal yards, bunkers and silos.

This course is recommended for operations, management, emergency response team and local fire departments.

Typical Course Length: 4 hours

Course Components	Power Plant Hazard Awareness Training	Coal Handling Hazard Awareness Training	Bulk Storage Fire Response Training
Piercing Rod Training	√	√	√
Locating Hot Spots	√	√	√
Piercing Rod Demonstration	Optional	Optional	√
PRB Fire Suppression Guidelines	√	√	√
Safety Awareness - Combustible Dust	√	√	√
Encapsulator Agents	√	√	√
Dust Management	√	√	√
Fixed and Manual Washdowns	√	√	√
Silo/Bunker and Coal Yard Management	√	√	√
Conveyors, Crushers, Dust Collectors	√	√	√
Local Fire Department Expectations	√	√	√
Combustible Dust Awareness Training	√	√	√
About Sub-Bituminous Coal	If Applicable	√	If Applicable
Locating Combustible Dust Hazards	√	√	√
Fire Detection Equipment	√	√	
Fire Suppression Technologies	√	√	
Fire Response - Entire Coal Handling System	√	√	
Transformer Fire Mitigation	√		
Under Turbine Lube Oil Fire Mitigation	√		
Boiler Front Hazard Control	√		
Pulverizer Protection Systems	√		
Plant-Specific Hands-On Training	Optional	Optional	Optional
Student Exam and Certificate	Optional	Optional	Optional

Hazard Control Technologies can provide an experienced, on-site Incident Management Response Specialist to advise how to safely mitigate coal or combustible granular silo or stockpile fires.



HAZARD CONTROL TECHNOLOGIES, INC.

150 Walter Way
Fayetteville, GA 30214

TEL: 770.719.5112
FAX: 770.719.5117

www.hct-world.com
info@hct-world.com