Fire Watch Syllabus

Time: 8 hours

Maximum Class Size: 20

Prerequisites: None

Course Description:
Construction Craft Laborers and apprentices are frequently exposed to hazards in the workplace. This course will prepare the participant to recognize the potential for fire from hot work operations. In areas where hot work is taking place, all employees are required to follow procedures set out in a Hot Work Program. Participants will be educated regarding the Fire Triangle, work that requires Hot Work Permits, completing Hot Work permits, and communicating and conducting a mock evacuation plan. Given a variety of scenarios, participants will also learn how to identify the type of fire and select the proper equipment to extinguish the fire.

Goals/Objectives/Student Learning Outcomes:
At the end of the 8-hour Fire Watch course, the participants will be able to:

- Define and identify the parts of the Fire Triangle
- Recognize work that requires the use of Hot Work permits
- Complete a Hot Work permit
- Explain how to inspect and isolate all sources of ignition for the hot work area
- Select the correct fire extinguishing equipment for 5 types of fires
- Conduct a mock evacuation plan
- Explain the duties of Fire Watch

Classroom Rules and Procedures

- All classes begin at 6:30 am and end at 3:00 pm
- Upon entering classroom, all participants must sign in and be seated by 6:30 am
- Class will consist of a combination of lecture, video, demonstration, coached group exercises, individual exercises and assessment.
- Students are required to report to class ready to work and maintain the provided PPE
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Textbooks/Readings/Materials

- *Fire Watch* Hands-On Pretest
- *Types of Fire* Handout
- *Fire Extinguisher Anatomy* Handout
- *The Fire Triangle* Handout
- *Dry Chemical Extinguisher* Handout
- *Carbon Dioxide Extinguisher* Handout
- *Air-Pressurized Water Extinguisher* Handout
- Training Yard Diagram
- *Subpart J: Welding and Cutting Do or Don’t* Handout
- OSHA Quick Card: Fire Watch Safety
- Subchapter 4, Article 36 Fire Protection and Prevention
- *Fire Watch Exercise* Handout

Personal Protective Equipment

- None required

Course Requirements

In order to receive credit for the course, participants must:

- Be present for full eight hours
- Participate in all classroom exercises
- Pass a written exam

Course Policies

- Participants must be on-time and ready to work.
- Participants must return from breaks on-time.
- Participants must participate in each exercise and assignment

Assessment and Grading

Participants will be assessed on the following:

- All written exams must be passed with a score of 80% or above.
- All hands-on exercises are graded on performance and participation. They are pass/fail and must be passed with a score of 80% or above.