

HOT WORK PERMIT PRESENTATION – INSTRUCTOR NOTES

Training Objectives

Review the hazards of hot work for the worker and for others. Provide the student with the basic requirements of the hot work procedure. All personnel involved in hot work including supervisors, mechanics and fire watchers should receive this training.

Before Training

- Read the OSHA standards and the model Hot Work Procedure Program
- Understand the following:
 - A significant number of serious commercial and industrial fires are caused by hot work accidents
 - Personnel who perform fire watch duty must receive training on how to activate your facility fire alarm, how to operate portable fire extinguishers as well as other emergency duties that they will be assigned. As with anyone being trained to operate fire suppression equipment, safety must be stressed “life is more important than property”.
 - The model program contains a Hot Work Permit that can be copied and used by your personnel. Many facilities will produce their Hot Work Permits on yellow or red heavy stock paper so that they stand out on the job site.
 - Retain expired Hot Work Permits for review by your property fire insurance carrier. One system used is to ask the inspector to sign and date the most current permit for file and discard all previous expired permits.
 - If there are flammable or combustible liquids present in areas where hot work will be performed a combustible gas meter should be used to check the atmosphere and verify that a flammable atmosphere does not exist. Students must be taught how to use your meter and how to respond to an alarm condition.

Introduction for Training

- Begin by stressing the overall importance of safety in your facility
- Review with students that hot work can start accidental fires in the facility that could lead to and serious property damage
- Review the duties of a fire watch in detail
- As a ground breaker, you can ask employees what experience they have had performing hot work duties in their past jobs

General Guidelines

- Stress the importance of the bullet points on these slides
- Stress the importance of the individual employee being committed to his/her own safety
- Be sure to be open to questions or comments
- Explain the permit system and how to complete the permit itself
- Provide the opportunity to inspect and handle any special equipment that the student will be using (e.g. fire extinguisher, combustible gas meters, etc.)

Conclusion

- Review the potential hazards and facility requirements for flammable liquids (if applicable)
- Review the handout for further training

Student Exercise

- Have the student walk practice a mock permit completion
- If the student will be using a combustible gas meter, provide an exercise to familiarize her/him with the operation
- Allow the student to gain experience with any other specialized equipment that may be used
- Provide experience with fire extinguishers and/or other fire suppression equipment that will be used