

# WELDING, CUTTING & BRAZING – INSTRUCTOR NOTES

## Training Objectives

Review the hazards of hot work for the worker and for others. Provide the student with the basic requirements for performing welding, cutting and brazing in a safe manner.

## Before Training

- Read the OSHA standards and the model Welding, Cutting and Brazing Safety Program
- Understand the following:
  - This is an overview program. Welding, cutting and brazing are highly technical undertakings that present unique and often to anticipate hazards. A trainer or mentor that is qualified by experience, training or education is required to provide safety knowledge that can only be derived through experience.
  - The program states that a Personal Protective Equipment survey has been completed to determine the need for flame retardant garments
- Understand your facility hot work permit program and be prepared to review it if the student will be performing welding outside of designated hot work areas

## Introduction for Training

- Begin by stressing the overall importance of safety in your facility
- Review with students that hot work can cause injury to the worker involved, start fires in the facility and injure others
- Review the job duties of the student
- As a ground breaker, you can ask employees what experience students have had performing hot work 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
- Demonstrate the required PPE and be sure that the student understands where s/he can procure the equipment, how to care for it and where to store it
- Provide the opportunity to inspect and handle the equipment that the student will be using
- Review the potential hazards and facility requirements for flammable liquids
- Review the handout for further training

## Student Exercise

- Have the student practice under the supervision of an experienced worker or supervisor