

CONTRACTOR SAFETY ORIENTATION SYLLABUS

Welding & Cutting Safety Training

AUDIENCE

- ❖ *All contractor employees working with welding and cutting.*

PRESENTATION METHOD

- ❖ *Instruction, Lecture - Video*

TRAINING DURATION

- ❖ *60 Minutes*

PURPOSE

- ❖ *Training will inform personnel of the general safety and health hazards associated with welding and cutting. The course will inform employees of the safety procedures and rules when working in the areas that there are possible welding hazards to people, equipment or property. Training will communicate correct response to welding emergencies.*

SUBJECT MATTER

- * Hazards
- * Health Effects
- * Personal Protective Equipment
- * Fire Hazard & Explosion Hazard
- * Cylinders
- * Cylinder Storage
- * Safe Equipment
- * Safe Work Practices
- * OSHA Standards

OBJECTIVES

- ❖ *At the conclusion of this training program each participant should:*
1. Understand safety and health hazards specific to gas and arc welding and cutting operations.
 2. Know various controls to reduce safety and health hazards associated with welding and cutting.
 3. Know how to store and use oxygen and gas cylinders.
 4. Know how to use personal protective equipment.
 5. Know OSHA's list of where welding and cutting shall not be permitted.
 6. Understand work practices required for safe welding and cutting.

MEASUREMENT DEVICE

- ❖ *Written Test – 15 questions, 70% to pass*