



# Toolbox Safety Talks

## Welding & Cutting

- 1) What are the hazards/injuries involved with welding and cutting?
  - a. Fire
  - b. Explosions
  - c. Burns
  
- 2) What hazards should be recognized?
  - a. Training
  - b. Air
  - c. PPE
  
- 3) What safe practices should be used when welding and cutting?
  - a. Check the work area for methane gas
  - b. Examine the work area for potential hazards
  - c. Provide good ventilation
  - d. Use suitable curtains to shield surrounding areas from sparks and molten metal
  - e. Remove combustibles from the work area if possible
  - f. Wet down combustibles or cover them with suitable non-combustible material
  - g. Ensure that the cutting torch is equipped with check valves and flame arrestors to prevent flames from flashing back into the acetylene gas cylinder
  - h. Inspect area for fire and maintain a fire watch for at least 30 minutes after work has been completed
  - i. Do not apply heat to an enclosed vessel or confined spaces such as tanks, mounted tires, or mechanical equipment with enclosed cavities
  - j. Never conduct cutting and welding when mine fire protection water is out of service
  
- 4) Is our welding and cutting equipment in good condition?
- 5) Why should we maintain a fire watch for at least 30 minutes after hot work has been completed?
- 6) Has anyone ever had an incident or near miss while welding or cutting?
- 7) Has anyone observed any unsafe practices during a welding or cutting job?
- 8) Are there any other safety issues you would like to discuss?



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Date Presented: \_\_\_\_\_

Presented By: \_\_\_\_\_

### Attendance Sheet




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