



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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Make Time for Safety, Everyday! – Yes, production is important, *but the focus must be on Safe Production!* Keep that in the back of your mind. Don't take risky chances and stay out of harm's way. Nobody goes to work thinking 'I'm going to get hurt or killed on the job, today!' But every day 15,000-17,000 workers suffer disabling injuries on the job and another 11-17 are killed. *What are you doing to make sure it doesn't happen on your shift?*

Keep stoking the fire; we can't let the 'Safety Train' run out of steam!

Date Presented: _____

Presented By: _____

Attendance Sheet
