



Toolbox Safety Talks

Welding

- 1)** What are the hazards/injuries involved with welding?
 - a. Fire
 - b. Burns
 - c. Eye injuries

- 2)** What hazards should be recognized?
 - a. Proper PPE
 - b. Others in the area
 - c. Fumes
 - d. Compressed gas cylinders
 - e. Shock

- 3)** What safe practices should be used when welding?
 - a. Infra red rays, visible light rays and ultra violet radiation are hazardous to the eyes and skin. Wear suitable skin and eye protection
 - b. Consider the risks to other employees and provide suitable protection/procedures such as confining welding to specific areas, use of welding screens, etc.
 - c. Welding and cutting produces fumes and gases that can harm the respiratory system (some fumes from lead or toxic coated materials can also affect the rest of the body) – wear filtered respirators for low volume work. Permanent welding locations should have local exhaust ventilation fitted
 - d. Have CO2 or dry powder fire extinguishers at hand, check areas where welding operations have been undertaken at least 30 minutes after work has been completed for any residual fire risks
 - e. Ensure only the minimum numbers of cylinders are stored on site as are required, ensure they are stored upright, ensure flash back arrestors are fitted at cylinder gauge ends, and non-return valves at inlets to the blowpipe, ensure valves are closed prior to moving
 - f. The primary risk from electric arc welding is electric shock – check insulation, earthing, equipment condition and protective devices

- 4)** Do we have any welding equipment in need of repair?
- 5)** Does everyone have the proper PPE?
- 6)** Are all of our compressed gas cylinders stored properly?
- 7)** Has anyone had an incident or near miss while welding?



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Date Presented: _____

Presented By: _____

Attendance Sheet



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