

Toolbox Safety Talks Compressed Gases

- **1)** What are the hazards/injuries involved with compressed gas?
 - a. Fires and explosions resulting is serious injuries
 - b. Falling tanks
- **2)** What hazards should be recognized?
 - a. Hoses and valves
 - b. Storage
 - c. Heat
- **3)** What safe practices should be used when working with compressed gas?
 - a. Treat all cylinders as full
 - b. Keep cylinders away from the sun, artificial heat, flammable materials, corrosive chemicals, etc. Do not smoke in vicinity
 - c. If a cylinder catches fire, cool the cylinder with water spray only if safe to do so
 - d. Always have fire extinguishers located within reasonable proximity to any hot work being carried out. Use hot work permits if appropriate
 - e. Avoid damage to cylinder valves and fittings. Don't use them as carrying aids. Open valves slowly and close sufficiently to cut off gas supply – do not use excessive force
 - f. Always secure acetylene cylinders in upright position
 - g. Ensure all cylinders are stored so that they cannot fall or roll
 - h. Always unload cylinders from lorries, vans, etc, by lifting not by dropping/sliding
 - i. Transport cylinders in vehicles with good ventilation ensure relevant signs (compressed gases) are clearly displayed on vehicles
 - j. Regularly inspect hoses, cylinders and valves for damage and wear and tear
- **4)** What type of gases do we use at our facility?
- 5) What are the hazards and harmful characteristics of our commonly used gases?
- 6) Has anyone ever had an incident or near miss with compressed gas?
- 7) Do we store our compressed gas properly?
- 8) Do we have fire extinguishers in all hot work areas? Are they inspected to date?



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<u>Make Time for Safety, Everyday!</u> – 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



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