



Toolbox Safety Talks

Compressed Gases

- 1)** What are the hazards/injuries involved with compressed gas?
 - a. Fires and explosions resulting in 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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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
