

KEYWORDS: HAND TOOLS ; TOOLS; HAND; SCREWDRIVERS

10-15 MINUTES

# Topic: Compressed Gas Cylinder



## IDEAS FOR YOUR TALK:

- People remember facts better when they're interactive and visual.
- People remember stories better than raw facts: think of a personal story that you can share.
- YouTube is another good source of information and offers many safety videos and demonstrations. Select only videos that are high-quality.

## Explain dangers:

- Compressed gas cylinders can take off and explode like rockets. But fire and explosion aren't the only hazards.
- Leaking gas can make you dizzy or unconscious. Cylinders are also heavy and awkward to handle.
- But our work would be difficult without compressed gas. So we have to know how to transport, store, and use the cylinders safely.

## Demonstrate:

- Present this safety talk near fuel gas cylinders on site if possible. Review the labels on these cylinders with your crew.
- Inspect the cylinders on site. Are they properly used and stored?
- Inspect a sample cylinder and valve system for damage, leaks, and wear.
- Show how to inspect for leaks using soapy water or a leak detector.

## 1. SUGGESTED ENGAGEMENT QUESTIONS:

- Who has used Hand compressed gas cylinder on this job?
- What is the main risk involved in using compressed gas Cylinder ?
- Has anyone heard of an incident or accident involving one ?

## 2. TALKING POINTS:

- This is the WHMIS hazard symbol for compressed gas.
- Cylinders are labelled with their contents and handling instructions.
- Read the WHMIS label for each of the different cylinders you use.



**Don't accept or use any cylinder that's not properly labelled.**

## TIPS:

- Secure cylinders that are in use with rope, wire, or chain to keep them upright.
- Remove gauges and other attachments before moving cylinders.
- Use a hoisting cradle to lift and lower cylinders from one level to another. Never use a magnet or sling for hoisting them.
- Store cylinders in a secure area—preferably outdoors—away from heat, ignition sources, and flammable materials such as wood or fuel.
- Don't store cylinders in an area where they could be knocked over by moving equipment, struck by falling objects, or damaged.
- Don't store cylinders of different gases in the same area. Keep them separate

## 3. CLOSING QUESTIONS:

- Do you know of any damaged caused by Compressed Gas Cylinder ?
- Do you have questions on this subject ?
- Are you aware of a risk on this jobsite that shouldn't be?



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