



# ARCO SAFE TOOL BOX TALKS

## Materials Handling – Compressed Gas Cylinders



*Compressed Gas Cylinders have a great presents on ARCO construction Sites. You must be trained to properly handle these Cylinders safely.*

**When handling compressed gas cylinders, always follow these procedures:**

- Never drop cylinders or strike them against one another or other surfaces
- Make sure that cylinders are clearly identified, labels must not be defaced or removed
- Do not accept, or use, containers whose contents labels are not legible
- Do not use containers color to identify the contents
- Clearly label or identify all gas lines leading from a compressed gas supply
- Leave valve protection caps in place and hand tightened until cylinders are secured and in use (or connected for use)
- Keep cylinder valves closed except when the cylinder is being used
  - Closing valve to isolate the cylinders contents from the surrounding atmosphere and prevents corrosion and contamination of the valve
- When opening a valve, stand to one side of the regulator and open it slowly
  - Replace protective caps and outlet caps or plugs before returning empty cylinders to the supplier
- Never tamper with, or alter, cylinders, valves, or safety related devices
  - Do not tighten connections or attempt other repairs while the system is under pressure
- Keep cylinders away from places where they would become part of an electrical current
  - Never use cylinders as a ground during welding operations
- Avoid dragging or sliding cylinders, do not lift by caps
  - Firmly secure the cylinder and move with a suitable hand truck, lift truck, or crane with a cradle or platform
- Never attempt to transfer compressed gases from one container to another

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