

KCA TOOL BOX TALK: Compressed Gas Cylinders



TEAMWORK
IMPROVES SAFETY

Signatures

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Compressed gas cylinders can be hazardous if proper safety precautions are not followed. Not only do they contain gases that are under high pressure ranging from 250 psi to 2200 psi., but those gases can be flammable, corrosive, toxic, oxidizing, or inert. These gases can displace oxygen causing suffocation, poison workers, or explode. The cylinders or tanks can crush feet or become missiles if they fall over. Following a few basic rules will help to ensure that they do not become a danger to you or your crew.

Cylinder Storage and Use:

- Store secured in a covered but well ventilated area, at ground level, and in an upright position; chained or strapped to a wall or pillar.
- Keep empty and full cylinders separated; mark "EMPTY" on spent tanks.
- Always store or move cylinders with the valve protection caps screwed on.
- Always transport cylinders by strapping them to a curved back hand truck and secured to a cart designed for this purpose when in use.
- Never roll, slide, drop, or drag cylinders.
- Separately store different types of gas.
- Do not attempt to repair regulators or valves; return to vendor for replacement.
- Wear proper PPE for the type of gas used.
- Inspect valves and regulators for corrosion before use.
- Immediately remove leaking cylinders to a well-ventilated safe area and call emergency response personnel if necessary.
- Never use or store near flames, heaters, or flammable materials.
- Make sure machinery cannot crush or hit the cylinders.

For more information visit OSHA REGULATIONS: 1926.350

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Teamwork Improves Safety!

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