

Company Name: \_\_\_\_\_ Dept: \_\_\_\_\_ Location: \_\_\_\_\_ Date: \_\_\_\_\_

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## GAS CYLINDERS- THE DOs & DON'Ts

You often find “bottled” gases like acetylene, oxygen, hydrogen, air and propane on a job site. These gases are usually stored under high pressure in compressed gas cylinders. When carefully handled and used, compressed gas cylinders like these are very safe. The unfortunate thing about job sites is that there are usually a variety of vehicles and machines moving around on rough, often wet and uneven terrain. If an accident occurs and the valve gets broken off a full cylinder, however, the cylinder can take off like a rocket, crashing through equipment, even brick block or concrete walls. It is important to treat gas cylinders with respect.

When transporting or storing compressed gas cylinders, **Do** keep them in an upright position, with the valve protection caps on. **Do** use a portable cylinder cart when moving cylinders. **Do** inspect cylinder valves, regulator threads and gauges prior to installing them on a compressed gas cylinder. **Do** check for leaks on the regulator and cylinder valve connections. **Do** mark empty cylinders “empty” or “MT.” **Do** close valves completely on empty cylinders. **Do** stand to one side when opening the valve, not in front of it or behind it. **Do** open cylinder valves slowly and carefully. **Do** use a T-wrench when opening an acetylene cylinder. **Do** return empty cylinders to the proper cylinder storage area.

**Do not** allow compressed gas cylinders to drop, to be struck, bounce around or bang against each other. **Do not** use any cylinder as a rolling device. **Do not** transport cylinders with pressure regulators in place. **Do not** place cylinders where they could come in contact with an electrical circuit. **Do not** permit sparks, flames, molten metal or excessive heat o contact a cylinder. **Do not** use leaky cylinders. **Do not** store oxygen cylinders with fuel cylinders. **Do not** use cylinders to support other work, as a prop or a scaffold. **Do not** tamper with the safety devices on valves.

Meeting Conducted By:

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Print Name

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Signature

Meeting Attended By:

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Notes & Suggestions

Document Filing Reference