

POWERICA LTD



TRAINING PROGRAM

COMPRESSED GAS



Storage

- Secured and upright in designated area
- Dry, well-ventilated areas (should be fire resistant)
- Keep temperature below 125°F
- Protect from weather, dampness, and direct sunlight
- Do not lay cylinder on its side

When empty, cylinders shall be stored:

- secured and upright
- valves closed
- separated from full cylinders
- oxygen cylinders in storage shall be separated from fuel or combustible materials a minimum distance of 20 feet or by noncombustible barrier at least 5 feet high and fire rating of 1/2 hour

HANDLING COMPRESSED GASES/GAS CYLINDERS

To help prevent accidents

- Close valve and release gas from the regulator before a regulator is removed.
- Be sure the regulators are removed and valve protection caps are on before moving cylinders and while the cylinders are in storage.
- Keep cylinders upright and secured at all times.
- Close the valve on empty cylinders, put on the cap, and mark them "MT."
- Store oxygen cylinders at least 20 feet away from any fuel/gas cylinders, such as acetylene.
- Do not use cylinders for rollers or supports.
- Do not tamper with the valves or safety devices
- Keep all cylinders, cylinder valves, couplings, regulators, hoses and apparatuses free of oily or greasy substances.

HANDLING COMPRESSED GASES/GAS CYLINDERS

- Never crack a fuel gas cylinder valve near sources of ignition.
- Only use pressure-reducing regulators for the gas and pressures for which they are intended.
- Open cylinder valves slowly and carefully.
- Only qualified technicians should clean or repair a regulator.
- Do not tamper with the relief valve or remove it from a regulator.
- Never allow oxygen to contact oil, grease or other flammable substances.
- Never use oxygen as a substitute for compressed air.
- Never use oxygen to dust off clothing, in pneumatic tools or for ventilation