



HEALTH, SAFETY &  
ENVIRONMENTAL MANUAL

## 4.8 Safe Work Practices – Gas Cylinders and Propane

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### SAFE WORK PRACTICES

#### Gas Cylinders

##### Handling / Using:

- When lifting cylinders by hoisting equipment, a basket, cradle or similar approved device shall be used.
  - never lift a cylinder by its cap or with hooks, ropes or slings
- Hoses and fittings for compressed gas cylinders must be loosely coiled and hung up in a safe location to prevent them being damaged
- Do not store, transport or move cylinders in a horizontal position

##### Storage / Transport:

- All cylinders shall be transported, stored and secured in an upright position (strapped or chained firmly in place to prevent tipping)
- When transporting or lifting any cylinders the regulators and hoses are to be removed and the protective cap installed
- Protective caps over the valve must be secured in place (with the valve turned off) when the cylinder is not in use
- Compressed gas cylinders must never be rolled along the ground
- Ensure proper storage environment by consulting SDS for the product within the cylinder
- Ensure that all cylinders are labeled and that the labels are legible. If this is not the case report to your supervisor
- Cylinders must be stored in locked cages in the designated areas
- Oxidizers and flammable gasses must be stored separately
- Empty and full cylinders are to be stored in separate areas

#### Propane

The TSSA governs the storage, use, and transportation of propane on worksites. Before working with propane on a site J-AAR employees are required to take a TSSA approved 'Propane in Construction' training course. This course will go over the general requirements.

J-AAR supervisors are responsible for ensuring that workers are shown:

- where site-specific storage areas are located
- how to use site-specific transportation (crane cages, dollies, etc.)
- ensuring that work areas using propane are set up in accordance with all applicable legislation.