

## SAFETY MOMENT

### November 2023 – Gas Cylinder Storage



#### Storage locations

**Small quantities** of cylinders may be stored in a variety of locations, provided Dangerous Goods and local government regulations and the principles given in the following paragraphs are followed.

**Larger quantities** of cylinders should be kept in a purpose-designed store or storage area, following the same principles.

**Ideal storage** Full or empty compressed gas cylinders should be stored as follows:

- In a well-ventilated area
- Preferably in the open
- With some weather protection
- The area on which cylinders are stored must be well-drained to prevent corrosion of cylinder bases. The location must be free from the risk of fire and well away from sources of heat or ignition.

#### Store cylinders standing vertically and restrain them.

- It is recommended to store cylinders vertically.
- Vertically stored cylinders must always be restrained or under your direct control. When standing or rotating and ‘walking’ cylinders about their vertical axis, be aware of the hazards of uneven sloping, slippery and unstable surfaces as well as loose surfaces. Restrain cylinders to prevent them falling as unrestrained cylinders are a potential hazard to users and passers-by should they inadvertently bump them.
- Acetylene and LPG must never be stacked horizontally in storage or in use.
- Whenever possible use a cylinder trolley for transporting cylinders higher than one’s waist height.