

## Storage Information

- Store cylinders in a well ventilated, sheltered area - preferably outside on a level surface. If this is not feasible, store in an adequately ventilated building or part of a building specifically reserved for this purpose.
- Full and empty cylinders should be stored separately.
- Cylinders should be stored vertically and securely fastened to prevent them from falling over.
- Segregate cylinders by the properties of their gases:

 Flammable

 Oxidising

 Inert

- Ensure that gas cylinder valves are kept shut on empty cylinders
- Avoid storing gas cylinders so that they stand or lie in water
- **Oxygen MUST be stored away from oil and grease.**
- Protect gas cylinders from external heat sources that may adversely affect their mechanical integrity.
- Gas cylinders containing flammable gas should not be stored in part of a building used for other purposes.
- Do not store other products in your cylinder store, in particular flammable materials such as fuel, oil, paint or corrosive liquids.
- Gas cylinders must be clearly marked to show what they contain and the hazards associated with their contents.
- Store cylinders where they are not vulnerable to hazards caused by impact from vehicles such as fork-lift trucks.
- Do not store LPG cylinders within three metres of other gas cylinders - The use of a firewall reduces the distance to 1.5 metres.

There are specific requirements for certain products. Storage of cryogenic, liquefied and heavier than air compressed gases should be sited with due regard to the dangers of gases collection in low-lying areas such as drains, basements and ducts.

It is advisable to label your storage area with relevant hazard labels and colour code charge.