

# Technical Information Sheet

## TIS No 8 : 2002

### Information for Customers Collecting Gas Cylinders (Flammable, Inert and Oxidising Gases)

1

Check the cylinder label and confirm it is the gas you require. If you are unfamiliar with the hazards and properties of the gas please ask for the material data safety sheet.



2

Ensure that you read the material data safety sheet. Take time to understand the properties and hazards associated with the gas before transporting or using it. If in doubt ask the supplier for advice. Ensure you know what to do in an emergency – evacuate the vehicle/room/workspace – contact your gas supplier for further advice.



3

Cylinders are heavy, handle with care. If you are moving large cylinders you should use a trolley or seek help. Take care when handling. Close the valve before moving the cylinder. Do not drop it and do not try to catch a toppling cylinder.



4

Use a suitable vehicle and secure the cylinder to avoid movement. An open vehicle is recommended, particularly for Acetylene and LPG cylinders. In addition, acetylene and LPG cylinders should be transported and stored upright.



If a car/estate vehicle is used, secure the cylinder in the boot/load area and drive with the windows open. Remove the cylinder from the vehicle as soon as the journey is completed.



5

When you get to your destination store in a secure and well ventilated location, where it cannot be damaged or tampered with. Label the storage area.



6

Keep cylinders cool and away from heat sources, flammable or corrosive material and oil.



7

Use appropriate protective equipment, see the material data safety sheet. It is recommended that eyes, hands and feet are protected when handling or using cylinders.



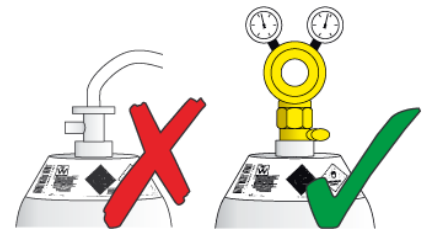
8

Use in a well-ventilated area. Do not smoke or use direct heat on a cylinder. Turn the cylinder valve off when it is not being used.



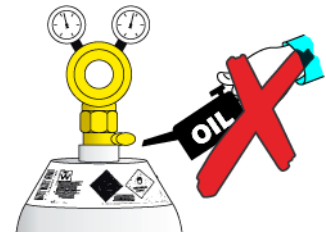
9

Always use an appropriate regulator with the cylinder. Do not connect directly to the cylinder valve. The pressure within the cylinder can be up to 300 bar (some 150 times the pressure you put into your car tyre).



10

Never use oil or grease on a cylinder valve, it is dangerous. If the valve is tight return the cylinder to the supplier and obtain a replacement. Do not use excessive force to open the valve.



11

When the cylinder is empty or you have finished with it, please return it to the supplier. Valves must be closed before transporting – see 3 and 4 above.



12

Thank you for reading and following this guidance, it will help to ensure your safety.

For further technical and safety information, please contact your supplier.

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