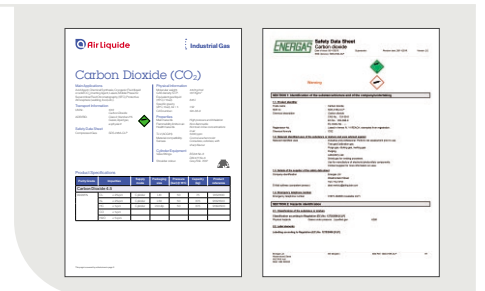# Guide to the Transportation of Cylinders

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

2 Ensure that you read the safety data 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. 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, use a trolley, or seek help. Take care when handling. Close the valve before moving the cylinder. Do not drop cylinders. Never try to catch a falling cylinder.

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

5 An open vehicle is recommended for the carriage of all cylinders. This is particularly important for acetylene and LPG cylinders which should be transported and stored upright. If a closed vehicle is used ensure there is adequate ventilation. It is recommended to drive with a window open.
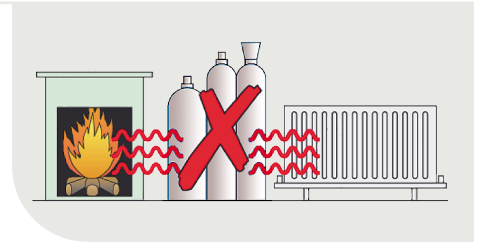
Secure the cylinder in the boot/load area and remove the cylinder from the vehicle as soon as the journey is completed.

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6 When you get to your destination store in a secure and well ventilated location, where it cannot be damaged or tampered with. It will assist the Emergency Services if storage areas are labelled, particularly if acetylene cylinders are being stored.
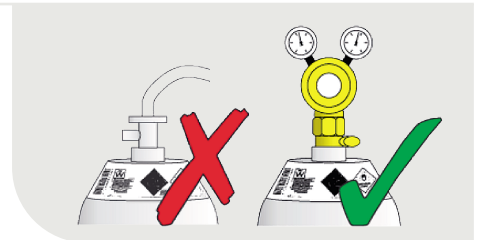
7 Keep cylinders cool and away from heat sources, flammable or corrosive material and oil.

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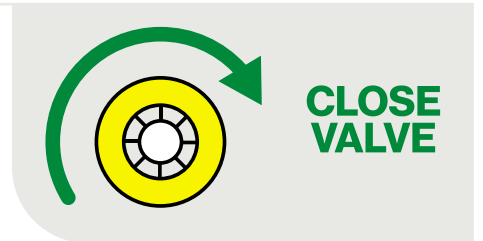Turn the cylinder valve off when it is not being used.

9 Always use a regulator suitable for the gas and pressure. 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.

CLOSE VALVE

Thank you for reading and following this guidance, it will help to ensure your safety. This information is provided to support and guide you on safe and best practice. This does not override the obligations of your employer or training provider under the Health and Safety at Work Act to carry out their own risk assessment. All these resources are available to you with an understanding that we do not accept any liability for how you observe this guidance and whether you implement these measures correctly.

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

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