



Co2 Cylinder Safety

Safely Using & Carrying Co2 Cylinders



Check the cylinder label and confirm that it is Co2. Make sure you are familiar with the hazards and properties of the Co2 gas.



Take time to understand the properties and hazards associated with transporting or using your Co2 gas bottle. If in doubt ask the supplier. Know what to do in an emergency, evacuate and then ventilate the vehicle/room/workspace. Co2 is an inert non flammable gas heavier than air so would remain at floor level until ventilated



Cylinders are big heavy lumps, handle with extreme care. If you are moving the large 5ft cylinders, use a trolley, or seek help. Close the valve before moving.. Do not drop cylinders. Never try to catch a falling cylinder. Keep Children and pets away from areas where cylinders are stored, handled or used.



An open vehicle is recommended for the carriage of Co2 cylinders. If a closed vehicle is used ensure there is adequate ventilation, always drive with at least one window open. Secure the cylinder in the boot/load area and remove the cylinder from the vehicle as soon as possible. Children must not be carried in the same car as Co2 cylinders.



Keep cylinders cool and away from heat sources, Although Co2 is non flammable storing it is still a problem. It is a pressurised Gas approx. 830 psi stored as a liquid inside the cylinder, if the liquid Co2 gets too warm (above 25c) the safety valve is liable to blow If this happens the cylinder will need re-testing.



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. Secure firmly to a wall and prohibit children and pets from the work area.



Thank you for reading this basic guide for the handling and use of Co2 cylinders.

Please read the B.C.G.A. guide (link on most pages).

Always remember Play it Safe if one of these cylinders falls on a child's foot it will crush it,

What would happen if the cylinder fell on the child's head?

If you are buying a cylinder please take time to read this buying guide

[Co2 Cylinder Buying Guide](#)

This is by no means a comprehensive guide to the safe handling of Co2 cylinders and does not cover pressurized cylinders containing oxygen, acetylene, propane, argon etc.

Please visit our website for latest offers yorkshire-co2gas.co.uk/

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