

Gas Cylinder Recycling

Gas Cylinders are designed to be refilled and there are many companies offering this service, see the Yellow Pages under Bottled Gas & Equipment. If you no longer require your cylinder it should be returned to the place of purchase. If this is not possible ring the LP Gas Cylinder Retrieval Scheme on 01425 461612. If you have Calor gas cylinders to be returned telephone: 01926 318616. To arrange collection of BOC gas cylinders telephone: 0800 111333

Why recycle gas cylinders?

- Recycling helps to minimise the use of depleting natural habitats, such as rainforests .
- Producing energy requires use of fossil fuels - so pollution is reduced too.
- Cuts waste disposal costs.
- Less waste is dumped in landfill sites.
- Gas Cylinders must **not** be thrown away, especially in a wheely bin; if a cylinder is put into a bin of this sort it may explode when being crushed.

Some of the dangers of handling gas cylinders.

If you own or have found a damaged gas cylinder it is important not to leave it; if a cylinder is left it could cause serious environmental and safety problems. You must not dispose of your cylinders in a dumpster or any other type of disposal container— the cylinders may still contain gas which could cause an explosion. You should keep your cylinder upright until it can be recycled or disposed of safely. At all times avoid damaging the tank and valve because this could cause an explosion, putting you and others in danger.



Common gas cylinders come in many different colours, shapes and sizes!



A 'shredder' machine which tears up cylinders before the metal is recycled.

Reusing Gas Cylinders

LMK Thermosafe Ltd are one of the many companies that provide a service for the re-use of gas cylinders. The cylinders are cleaned before they are refilled with more gas. This is controlled by a microprocessor and recorded onto a database. Once the outside of the cylinder is thoroughly cleaned, internally it is cleaned by a proprietary process involving halocarbon, pure gas then water. Finally the cylinders are heat treated using "thermosafe" for an even heating for the highest level of purity. Once the cylinders have been cleaned a particle count is taken and recorded. If the particle count is low enough the cylinder can be re-filled.

Link: <http://www.yell.com>

Yell.com provide all of the numbers and companies which are in the Yellow Pages. This website will have contacts for cylinder recycling and reuse.