Gas cylinders and LPG

About 5 minutes · Read it out, then ask the questions at the end.

> **Why it matters.** Gas cylinders on site, from LPG for heaters to oxygen and acetylene for cutting, can cause fires and explosions if they leak, are damaged or are stored badly.

The hazards

- Leaks from damaged hoses, valves and regulators
- Fire and explosion from gas building up in low or enclosed areas
- Cylinders falling over and being damaged
- Oxygen enrichment making things burn more fiercely
- Heaters used without enough ventilation

Stay safe

- Store cylinders upright and secured, in a ventilated area away from drains and basements
- Keep cylinders away from heat, ignition sources and escape routes
- Check hoses, valves and regulators before use, and use leak-test spray, never a flame
- Close valves when not in use and at the end of the day
- Use only trained people for cutting and welding equipment
- Make sure heaters have enough ventilation
- Report any smell of gas straight away

Ask the team

1. Where are gas cylinders stored on this site?
2. How do you check for a leak?
3. What would you do if you smelt gas?

The law and guidance

Dangerous Substances and Explosive Atmospheres Regulations 2002 (DSEAR). Provision and Use of Work Equipment Regulations 1998.

General guidance to help you give a toolbox talk. It doesn't replace your site's risk assessments, method statements, permits or training. Check it against your own site rules before you give it.

Free toolbox talk from EW Group, 110V site temps specialists. www.ewgroup.co.uk · Bristol 0117 982 0005 · London 020 7476 0001

ATTENDANCE RECORD

Gas cylinders and LPG

Site: Date:

Given by: Company:

By signing, I confirm I attended this toolbox talk and understood it.

Name (print)	Company	Signature	Time

Keep this record with your site's training and briefing records.