

Portable generators on site

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

Why it matters. Generators provide power where there is no supply, but bring fuel, fume and electrical hazards.

The hazards

- Exhaust fumes in enclosed spaces, including carbon monoxide
- Fuel spills and fire
- Electric shock from faulty earthing
- Noise

Stay safe

- Never run a generator indoors or in an enclosed space
- Refuel only when the engine is off and cool
- Keep fuel stored safely away from the generator
- Make sure the generator is earthed and set up correctly by a competent person
- Use 110V for site tools, through a transformer where the generator outputs 230V
- Keep it on firm, level ground with a drip tray

Ask the team

1. Where is the generator, and is it in the open air?
2. How do you refuel safely?
3. Who set up the earthing?

The law and guidance

Electricity at Work Regulations 1989; PUWER 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

Portable generators on site

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.