Event power in wet weather

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

> **Why it matters.** Outdoor events often run in rain and mud, with the public close to cables and equipment. Water and electricity are a deadly mix, so temporary power has to be planned, protected and checked.

The hazards

- Water getting into connectors, distribution boxes and equipment
- Cables damaged by vehicles, crowds and trampling
- Electric shock to staff or the public
- Trip hazards from cable runs

Stay safe

- Use connectors and equipment rated for outdoor use, and keep them off the ground
- Route cables away from walkways, or use cable ramps where people cross
- Protect distribution boxes from rain and from public access
- Use RCD protection on 230V supplies, and test RCDs before the event opens
- Check cables and connections regularly through the event, especially after rain
- Only competent people install or alter the temporary supply
- Switch off and report damaged cables or equipment straight away

Ask the team

1. Where do the public cross our cable runs?
2. How are connectors kept out of water?
3. Who do you call if equipment gets wet or damaged?

The law and guidance

Electricity at Work Regulations 1989. BS 7909, Code of practice for temporary electrical systems for entertainment and related purposes. BS 7671 Section 711 (exhibitions, shows and stands).

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

Event power in wet weather

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.