

Permit to Dig

A permit to dig following HSE HSG47: service plans, CAT and signal generator scan, services found and marked, trial holes, safe digging precautions, authorisation, and close-out with backfill.

1. Permit

Project

Client

Site *

Site address

Date issued *

Time

Permit number *

Exact location of the excavation *

Excavation outline (GPS)

Optional. Walk the edge of the dig and tap Mark current location at each corner.

Work to be done, depth and method *

Excavation length (m)

Measuring from a photo gives an estimate. Use a tape or laser where the figure matters.

Width (m)

Planned depth (m)

Valid until

Issued to (person in charge of the dig) *

If applicable: The valid until date is before the date issued. Check the dates.

HSE HSG47 sets out a safe system of work: plan the work, locate and identify buried services, and dig safely. A permit gives written authorisation from a responsible person for the work and the precautions.

2. Plans and locating

Service plans obtained (tick all that apply)

- ☐ Electricity
- ☐ Gas
- ☐ Water
- ☐ Telecoms
- ☐ Sewer or drainage
- ☐ Street lighting
- ☐ Fuel or oil
- ☐ Other
- ☐ No plans available

If applicable: No plans. Treat the area as if services are present and locate before digging.

Was the area scanned with a cable avoidance tool (CAT)?

- ☐ Yes ☐ No

Was a signal generator used?

- ☐ Yes ☐ No

Scan the CAT serial plate

Scanned in the SiteSurvey app. On paper, write the numbers: serial number.

CAT calibration or check date

Scanned by (trained operator)

Services found (copy this block for each one)

Service * (choose one)

- ☐ Electricity
- ☐ Gas
- ☐ Water
- ☐ Telecoms
- ☐ Sewer or drainage
- ☐ Street lighting
- ☐ Fuel or oil
- ☐ Other

Indicated depth (mm)

Service position (GPS)

Optional. Tap Mark current location on site to save the GPS position.

Marked on the surface?

☐ Yes ☐ No

Exposed by trial hole?

☐ Yes ☐ No

Photos of the marks or trial hole (photos: attach, or note the file names)

Services found (worked out automatically in the app)

Marked on the surface (worked out automatically in the app)

Exposed by trial hole (worked out automatically in the app)

Photos of the area marked up (photos: attach, or note the file names)

3. Precautions

Precautions in place * (tick all that apply)

- ☐ Hand dig near located services
- ☐ Dig alongside services, not on top
- ☐ Breaking a hard surface: hand-held power tools kept 500 mm or more from the line of a service
- ☐ No mechanical excavator within 500 mm of a gas pipe
- ☐ Rescan as the dig gets deeper
- ☐ Emergency contacts for the service owners on site

HSG47: when breaking up a hard surface, where practicable only use hand-held power tools 500 mm or more from the indicated line of a service, then locate it by careful hand digging. Do not use mechanical excavators within 500 mm of a gas pipe.

HSG47: if a service is damaged, tell the owner or operator. For electricity cables, gas pipes, other pipelines and high-pressure water mains, keep people well clear until the owner has repaired it or made it safe. If gas is leaking, do not try to repair it: evacuate the area and call the National Gas Emergency number, 0800 111 999.

Has the dig team been given the plans and shown the marked services?

☐ Yes ☐ No

Authorised by *

Authorised signature

Signature of the person in charge of the dig

4. Close-out

Has the excavation been backfilled so services are supported and protected?

☐ Yes ☐ No

If applicable: HSG47: concrete must not be used to encase services when backfilling.

Was any service damaged?

☐ Yes ☐ No

What happened and who was told (if applicable)

Permit closed

Closed by

Signature