

About us

We manage the network that distributes natural and green gas to 5.9 million customers across Scotland and southern England.

We own and operate 74,000km of gas mains, including high-pressure pipelines and the world's first green hydrogen gas network in Levenmouth, Fife.

We're responsible for ensuring our network is safe from accidental damage by third parties working near our infrastructure. Damage to our network could lead to fires, explosions, or loss of supply to local communities.

World first green hydrogen gas network

Our H100 Fife project will see a new hydrogen gas network built alongside our existing gas network in Levenmouth.



Free consultations

You should **not dig** near a hydrogen pipeline until it's agreed with us. Our personnel must attend to mark up the location of our pipes, and confirm with trial holes, before any work can start.

We'll visit the site **free of charge** to help you plan your work and advise what work is permitted.



Before you dig near hydrogen pipes

Safety advice for landowners, farmers, contractors and the general public working near our pipes

Important update December 2023

Happy to help

To find out where our gas pipes are located visit linesearchbeforeudig.co.uk

You can also search for information on other utility companies' assets at the same time.

For more information visit sgn.co.uk/safety/dig-safely
Maps linesearchbeforeudig.co.uk

Queries/advice plantlocation@sgn.co.uk

LSBUD system enquiries **0845 437 7365**

SGN advice helpline **0800 912 1722**



We're here to keep you, and our network, safe

Before you dig near any pipes

Landowners, third party utilities, contractors and the public working near our pipes must follow safe digging practice. All excavation work must be completed in accordance with HSE publication HSG47.

If you plan to dig, or carry out building work to a property, site or public highway within our gas network, you must contact our Plant Protection team. Persons undertaking the work must have utility drawings showing where underground pipes are and use location devices to locate and mark them.

- No work should take place near our hydrogen pipelines without contacting us first
- Obtain maps and safety information using our online service
- Ensure you are digging safely in accordance with HSG47
- Contact our safety admin team if you need any information or advise our local engineers who will be pleased to help
- Ensure we can access our pipes at all times

Mechanical excavators (including breaker attachments) must not be used within the following distances from the confirmed location of our gas mains and services shown on our gas maps without prior agreement.

Type of mains and services	Gas map identification	Hand excavation required inside	Pipe pressure indication shown on map
Low Pressure (LP) Hydrogen	0 - 75mbar	1 metre	H —
Interim Digitisation	0 - 75mbar	1 metre	— — — — —
Low Pressure (LP)	0 - 75mbar	0.5 metres	—
Medium Pressure (MP)	75mbar to 2 bar	0.5 metres	— — — — —
Intermediate Pressure (IP)	2 - 7 bar	3.0 metres	— — — — —
High Pressure (HP)*	Above 7 bar	3.0 metres	— — — — —

*Refer to other relevant system owner/operator

The new hydrogen gas network will be built alongside our existing gas network in Levenmouth. This new Hydrogen Pipeline is yellow with blue stripes.



Protective Measures: Heavy duty tape and Cable located tape - advance early warning

Always contact us before you:

- Carry out any excavation work near our hydrogen and natural gas mains and services
- Carry out land drainage work
- Clear any existing ditches
- Plant any trees or shrubs
- Install fencing/pilling deeper than 0.5m or within 15m of a pipeline

What to do in an emergency

- Shut down all working machinery
- Remove all sources of ignition
- Move away from the immediate area to a safer location
- Call 999 and inform the police and emergency services if the pipeline is leaking
- Avoid attempting to seal the leaking pipeline
- Refrain from attempting to extinguish any fire
- Contact the pipeline operator's emergency telephone number
- Follow the advice provided by the pipeline operator and let them make the situation safe

Direct and consequential damage to gas plant can be dangerous to you and those around you. Repairs to any damage will incur a charge to you or the organisation carrying out the work on your behalf.

Any maps or guidance provided by our online service are for information only. For your safety, it's essential no work is carried out near our hydrogen pipelines unless discussed with us first. We aim to provide an initial assessment within ten days once we receive the full details of work.

