

## WORKING NEAR HIGH PRESSURE PIPELINES

Before any work activity commences you must ensure a comprehensive check of the area for the location of all utility networks, including pipeline owners.

In the case of High pressure pipelines being present you **MUST** contact the network operator to discuss the safety requirements. Your line manager will provide you with utility plans from Linewatch and LinesearchbeforeUdig (LSBUD).

Some of the areas you will need to cover are:

- Marking out of pipeline locations with exclusion zones.
- Safe working practices / systems to be followed.
- Permitted working methods.



As a rule owners of high pressure pipelines require notification to carry out underground excavation work within **50 metres** of their pipeline.

In cases where excavations are within 3 metres (above, below or within on either side) of the pipeline it **MUST** always be carried out with on site supervision from a representative from the pipeline company.

**Hand excavation methods will be required unless another method is specifically specified by the pipeline representative.**

Be aware of cathodic protection systems that run close to the pipeline which could also be damaged and cause failure to the pipeline.

Damage can be catastrophic; all pipelines operate at high pressure typically in excess of 66 bar (100psi).

The pipes usually carry natural gas or ethylene or oil refined petroleum products such as gasoline and aviation turbine fuel.



**LOOK OUT FOR PIPELINE MARKERS**