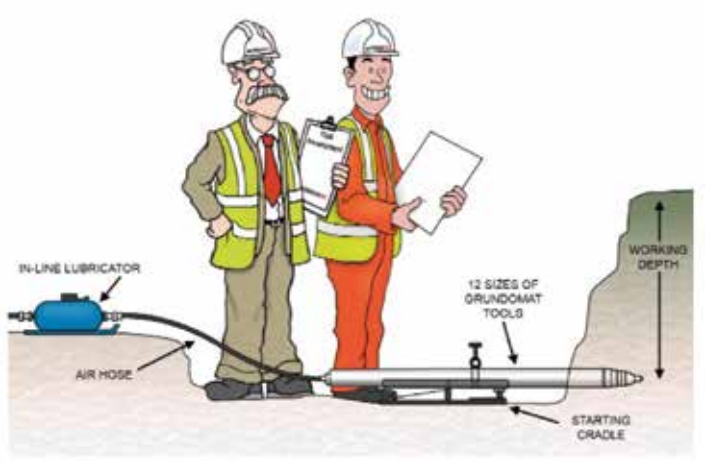
Trenchless technology is a highly efficient, specialist technique using boring equipment for installing pipelines and cable ducts. In certain circumstances no dig techniques are both cost-effective and environmentally sympathetic as they can eliminate the need for open-cut trenches.

Refer to the guidance on the following:

- Location of underground services.
- Excavations.
- Use of plant.
- Use of work equipment.
- Spillage control.
- Environmental pollution control.
- Any associated Permit to Work requirements.
  i.e: Permit to mole/drill.



ALWAYS

- Be trained and competent to carry out the work.
- Be fully aware of and understand the safe system of work (risk assessment / method statement) and the requirements of any permits for the activity you are undertaking.
- Check that the ground conditions are suitable for the intended trenchless method to be used – Ask your line manager if you are not sure.
- You have identified proximity distances for all underground services and all on site know what these distances are, (parallel runs and lateral crossings).
- You excavate and expose all ‘at risk’ underground apparatus / services if they are crossing the intended line of trenchless method (directional drilling, thrust boring / moling etc).
- You continue to check depth and bore profile of the equipment throughout the operation, especially as it approaches any exposed or ‘at risk’ areas.
- Wear the appropriate approved PPE
  i.e: Moling PPE.
- Where practicable use a suitable launch cradle and where conditions do not allow for a cradle a site-specific risk assessment must be completed along with authorisation from your line manager.
- All persons remain out of the launch or receive excavations whilst the operation is in progress.
- All equipment (thrust bore / mole, hoses, pot, connections etc) is checked and fit for purpose.
- Whip checks to be used.
- Ensure you are aware of what to do in the event of an emergency or a third party utility strike.

ENSURE YOU ARE TRAINED, COMPETENT AND AUTHORISED FOR THE TASK