



Method Statement for Cable Percussive Drilling

Upon arrival on site our employees meet the client/engineer, establish that they are on the correct site and discuss the job to be undertaken. They will then:-

1. Visually inspect each borehole position for underground/overhead services,(following advice from the engineer on site to avoid trench/manhole runs and usually after CAT scanning has been done by the engineer/client).
2. With the assistant acting as banks-man, the drilling rig will be towed or reversed into position.
3. Hand dug trial pits **MUST** be made prior to the commencement of mechanical operations. **Drilling work cannot commence until an inspection pit is dug for each borehole.** Pick axes are **NOT** permitted.
The only exception to this rule is if a client specifically tells you not to dig an inspection pit based on his/her professional judgement and is prepared to sign our company 'Trial Pit' form thus accepting full responsibility if underground services are hit. If the form is not signed then a trial pit must be dug.
A constant supply of these forms must be kept in each vehicle. They are available from both the yard and the office. It is the responsibility of each drilling crew to ensure you always have plenty of forms.
4. Always erect the rig by using the recommended manufacturers instructions. Do NOT load equipment on the rig prior to dropping the rig as this is a dangerous practise and could lead to a serious accident. Instead you must split all the equipment up so that they are not as heavy to lift. (see 'Manual Handling' on H & S Policy)
5. Driller and assistant unload the drilling tools and lay them on the floor beside the rig.
6. Clean all tools and place in position ready for use.
7. The rig must be checked prior to work commencing to ensure it is safe to use.
8. Commence drilling by careful raising and dropping of the drilling tools, taking samples and tests as required.
9. At no time must the drilling tools be suspended in the air whilst work is carried out beneath them.
10. When the tools are raised and lowered, the assistant will guide them in a safe manner.
11. Once the required depth has been reached, contact will be made with the client/engineer to confirm the depth is correct. Any installation requirements will be carried out at the same time.

12. The top of the borehole/inspection pit will be concreted or compacted as required. All covers must be at ground level in order to ensure that no trip hazards are left on site.
13. The rig will be dismantled and carefully lowered. The driller and assistant will then load the rig and either move onto the next borehole position (repeating steps 1 – 12) or leave the site if the job is complete.
14. Leave the site clean and tidy
15. A factual report will be provided on completion of work. This will include cable percussive sample and bore hole data.