

TRAINED OPERATOR ACHIEVEMENT TEST**Equipment specification**

1. Serviceable piling rig that meets current legislation, with the operator's manual:
 - a) pile size diameter: 450 mm
 - b) depth of piles: 6 metres or specified depth (working pile)

Note: The recommended pile sizes must be adjusted accordingly if the piles are to be used as working piles.

2. Serviceable assemblies, components and equipment for rigging the piling rig for bored works.
3. Service crane for lifting operations (if required).
4. Serviceable boring equipment for the installation of replacement piles suitable for the system being used for the test i.e. bucket auger, short auger, open flight helical auger, continuous flight auger.
5. Serviceable casings (if required).
6. Serviceable equipment for carrying out the placement and compaction of concrete/reinforcement, tremie systems, where applicable.
7. Serviceable slurry system equipment (if required).
8. Plant for the removal/transportation of spoil from the pile position.
9. Additional personnel as required.

Note: It is accepted that this achievement test may be undertaken during a work activity because of the availability of all the equipment necessary.

Exercise specification

The candidate is required to:

1. Travel with the piling attachment for bored works and locate the rig at the pile position.
2. Set up on the pile position.
3. Operate the piling rig to carry out bored works to install a replacement pile which must include (where applicable):
 - a) installing temporary casings
 - b) use of the slurry system
 - c) concreting-placement/compaction
 - d) installing reinforcement
 - e) removing temporary casings.
4. On completion of all works, travel the rig to a park position, shut down and secure.

Note: Candidates must ensure that all operations comply with safe working practices, and that adequate personal protective clothing and equipment are worn and used.