

**TRAINED OPERATOR ACHIEVEMENT TEST****Equipment specification**

1. Serviceable 360° excavator of not less than 3 tonne operating weight that meets current legislation, fitted with a standard excavating bucket, with the operator's manual.
2. Vehicle for loading having a minimum capacity equivalent to 6 full bucket loads of the excavator being used for the test.
3. An area of ground, clear of hazards which must include:
  - a) uneven, rough terrain
  - b) a slope(s) not less than 18% (1:5.5) incline having sufficient manoeuvring room at the top and bottom
  - c) a flat area to allow excavations up to 2 metres deep
  - d) a stockpile of material for loading purposes.
4. A replacement bucket for changing purposes.
5. Cones/materials etc., to create restrictions for travelling and manoeuvring.
6. Appropriate marking, sighting and lining equipment to ensure excavation levels and centres.

**Exercise specification**

The candidate is required to:

1. Carry out full pre-start and running checks as required by the manufacturer.
2. Prepare the excavator for travel.
3. Travel to the excavating area. The route must include:
  - a) travelling up and down the incline(s)
  - b) passing through a restriction being no more than the width of the excavator plus 800 mm
  - c) travelling over rough, uneven terrain.
4. Excavate a vertical trench to the following depth and sizes. The trench depth must be straight within  $\pm 60$  mm.

Machine size – up to 5 tonne:	between 5 and 10 tonne:
Trench depth – 0.5 m $\pm$ 35 mm	1 m $\pm$ 35 mm
Trench length – 5 m	10 m
5. On completion of item 4, excavate a square excavation with vertical sides, 3 x buckets wide to the same depth and tolerance as the trench.
6. On completion of item 5, reinstate and compact the earthworks back to the original state.
7. Load material into a vehicle to capacity.
8. Remove the existing bucket and attach the replacement.
9. Travel the excavator to a park position, shut down and secure.