

TRAINED OPERATOR ACHIEVEMENT TEST**Equipment specification**

1. Serviceable 360° excavator that meets current legislation, fitted with a standard excavating bucket, with the operator's manual.
2. Rear tipping dump truck or tipping lorry with driver 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 a depth of 1 metre \pm 35 mm. The trench must be straight within \pm 60 mm. The minimum length of the trench will be as follows:
Excavator operating weight: 10 – 20 tonne = 15 metres
over 20 tonne = 20 metres
5. On completion of item 4, excavate a square excavation with vertical sides, 3 x buckets wide to the depth 1.5 metres \pm 35 mm.
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.