

# A32

## Soil/Landfill Compactor Intermediate Certificate

### Unit A32 Soil/Landfill Compactor

#### Learning outcomes

On completion of this unit, the candidate will be able to:

1. Identify the basic construction, purpose and function of components and the purpose and use of all controls and gauges.
2. Identify and comply with manufacturers' instructions in accordance with the operator's handbook, other information sources and applicable legislation.
3. Carry out all pre-use and running checks.
4. Set the compactor for site travel.
5. Travel over differing types of terrain, including rough undulating ground.
6. Travel up and down substantial inclines.
7. Manoeuvre in confined areas using forward and reverse direction.
8. Explain precautions to be taken for underground services and other hazards.
9. Spread and compact discharged, varying types of waste.
10. Spread and level types of cover material.
11. Place the compactor in an out-of-service condition.
12. Explain the loading and unloading procedures on and off a transporter.
13. Explain health and safety procedures relating to landfill operations.

#### Evidence requirements

To achieve the learning outcomes the candidate must complete a theory test and a practical test.

## Practical Test

### A. Equipment specification

1. Serviceable soil/landfill compactor that meets current legislation, fitted with a standard blade/bucket, with the operator's manual.
2. A landfill area (or an area simulating a landfill) containing a sloping face for waste depositing, with sufficient space to allow materials to be pushed out.
3. A delivery of materials, able to be spread by the compactor being used for the test.
4. Material for covering purposes.
5. Cones/materials etc., to create restrictions for travelling and manoeuvring.

### B. Exercise specification

The candidate is required to:

1. Carry out full pre-start and running checks as required by the manufacturer.
2. Prepare the compactor for travel, and travel to the landfill/compacting area. The route is to include passing through a restriction being of no more than the width of the compactor plus 800mm, in a forward and reverse direction.
3. Spread dumped loads in even layers approximately 0.3 m deep on the sloping face. Compact the spread material using a minimum of three passes. The compactor must be operated at a minimum of 75% of its maximum working capacity i.e. full loads on the blade or in the bucket. (Soil compactors must carry this exercise out on a level plain.)
4. Form a cover over the spread material and level (this may be simulated).
5. On completion of the exercise, travel the compactor to a park position, shut down and secure.

The practical test is marked using the Operator Assessment Form (sections A and B). The candidate must also complete a theory test paper which is centrally set by Lantra Awards and marked by the assessor. For this unit, there is a maximum of 35 marks available and the pass mark is 80% (28 or more marks for correct answers). The theory test mark is entered on the Operator Assessment Form (section C). Candidates must pass all three sections to achieve the unit.