

A26

Mobile Elevated Work Platform (Boom) Intermediate Certificate

Unit A26	Mobile Elevated Work Platform (Boom)
	Vehicle mounted (Option A)
	Self-propelled (Option B)

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 i.e.duties charts, and applicable legislation.
3. Explain all relevant documentation.
4. Explain all displayed information on the machine.
5. Carry out all pre-use and running checks.
6. Carry out emergency lowering procedures.
7. Operate controls from ground level, and from within the working platform.
8. Manoeuvre the MEWP involving tight turns and limited access, using both forward and reverse motions.
9. Travel the MEWP with the platform in a raised position (self-propelled units only).
10. Position the platform up to maximum working height.
11. Position the platform out to maximum reach.
12. Explain precautions to be taken for overhead services and other hazards.
13. Keep within safe working parameters.
14. Place the machine in an out-of-service condition.
15. Explain loading and unloading procedures on and off a transporter.

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 mobile elevated work platform (boom) that meets current legislation and must:
 - a) be vehicle mounted or self-propelled (Option **A** or **B**)
 - b) have a platform operating height of not less than 5 metres
 - c) have a platform horizontal operating reach of not less than 3 metres
 - d) be capable of travelling with the platform in a raised position (self-propelled units only)
 - e) be with the operator's manual.
2. A building or structure, containing items/equipment etc., which can be accessed by the platform when working at 75% of platform's maximum operating height and horizontal reach.
3. A flat area of at least 15 metres in length.
4. An appropriate safety harness.
5. A load(s) to simulate tools or equipment.
6. Signaller assistance.
7. Cones/barriers to set up restrictions and an exclusion zone.

B. Exercise specification

The candidate is required to:

1. Carry out full pre-start and running checks as required by the manufacturer.
2. Demonstrate the emergency lowering procedure.
3. Set up exclusion zones for all the working areas.
4. Confirm the code of signals with the signaller.
5. Travel the MEWP to an access area.
6. Position the MEWP to access a given point. This point must be not less than 75% of the platform's maximum operating height. This will be undertaken with the assistance of given signals. Once completed return the platform to ground level.
7. Position the MEWP and access a different given point, unaided, to a height of not less than 75% of the platform's maximum operating height. Once completed, return the platform to ground level.
8. Position the MEWP and access a given point. This point must be at least 75% of the platform's maximum operating horizontal reach. Once completed, return the platform to the transport position.
9. Self-propelled units only – With the platform at a height of no less than 3 metres and no more than 4 metres, travel the MEWP in a straight line for a minimum distance of 10 metres. During the route pass through a restriction being no more than the width of the MEWP plus 500 mm.
10. On completion of items 8 or 9, travel the MEWP 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 40 marks available and the pass mark is 80% (32 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.