

# A27

## Mobile Elevated Work Platform (Mast Climber)

### Intermediate Certificate

#### Unit A27 Mobile Elevated Work Platform (Mast Climber)

#### 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. Ensure the mast climber is sited and erected.
4. Carry out all pre-use and running checks.
5. Prepare the platform to accept various loads.
6. Raise and lower platform up to maximum working height in a loaded and unloaded state.
7. Keep within safe working parameters.
8. Put the platform in an out-of-service condition.

#### 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 mast climber that meets current legislation, with the operator's manual.
2. A load(s) to simulate tools/equipment.
3. Cones and barriers for setting up an exclusion zone.
4. Signaller assistance.

### B. Exercise specification

The candidate is required to:

1. Ensure the mast climber is sited in accordance with company requirements, positioned on firm level ground, secured, supported, vertical and all associated equipment positioned as required by the manufacturer.
2. Set up an exclusion zone for the working area.
3. Carry out full pre-start and running checks as required by the manufacturer.
4. Demonstrate the emergency lowering procedure.
5. Travel the platform unladen to its full potential operating height and return to ground level.
6. Load the platform and travel the platform to a given level.
7. Return the platform to ground level, before travelling the platform to a different level.
8. Return the platform to ground level and travel the platform to another different level.
9. On completion of item 8 return the platform to ground level, unload 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 25 marks available and the pass mark is 80% (20 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.