

Advanced On-Site Assessment

MEWP Boom - A26



Resources required

| | |
|------------------------|---|
| Machine | <ul style="list-style-type: none"> • MEWP Boom (Self-propelled, trailer, vehicle-mounted platforms) |
| Area | <ul style="list-style-type: none"> • Ground, clear of hazards which must include: <ul style="list-style-type: none"> - level area for carrying out activities - structure or structures for accessing purposes |
| Other equipment | <ul style="list-style-type: none"> • Harness • Signaller • Items to create restrictions for manoeuvring |
| Notes | <ul style="list-style-type: none"> • The machine selected for the test must have a platform height of at least 12 metres and a horizontal reach of at least 5 metres with the boom able to be slewed through 360 degrees. For endorsement B, the machine must be self-propelled and able to travel with the platform in the raised position • To meet the criteria for endorsement B, the MEWP must be capable of travelling with the platform in the raised position • The operator’s manual and all other related supporting documentation such as Risk Assessments, LOLER Certs etc. must be with the MEWP • The structure must have items or objects positioned at a height of at least 85% of the platform’s working height • The type and need for harness equipment may vary with different types of MEWP. A risk assessment must be undertaken to establish the correct type. Further information may be obtained from the Health and Safety Executive (HSE), The Construction Plant-hire Association (CPA), the International Powered Access Federation (IPAF) or other reputable organisations |

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Activity instructions

| | |
|---|---|
| <p>Sequence</p> | <ul style="list-style-type: none"> • Activity 1 must be undertaken at the start of the test • Activities 3, 4, 6 and 7 can be undertaken in any order • Activity 8 must be undertaken at the end of the test <p>The test must be completed within a given time. The specifications' section gives further information</p> |
| <p>Preparing for work</p> | <ol style="list-style-type: none"> 1. Complete all manufacturers' pre-start and running checks and prepare the MEWP for travel as detailed in the operator's manual which must be referred to by the candidate during the activity <ul style="list-style-type: none"> • Additional information to be identified by the candidate referring to the operator's manual. Tester to decide what information will be identified 2. Carry out an emergency lowering function check |
| <p>Travelling & manoeuvring <i>(refer to specifications)</i></p> | <ol style="list-style-type: none"> 3. Travel the MEWP with the platform at a raised position being at least 50% of maximum working height and: <ul style="list-style-type: none"> - Pass through a restriction - Execute a full 360 degree turn using full steering lock - Pass through a chicane executing full left- and right-hand turns (endorsement B only) |
| <p>Setting up for work</p> | <ol style="list-style-type: none"> 4. Prepare an exclusion zone in the relevant area |
| <p>Working tasks <i>(refer to specifications)</i></p> | <ol style="list-style-type: none"> 5. Access given points at height 6. Access given points requiring use of horizontal reach |
| <p>Shutting down</p> | <ol style="list-style-type: none"> 7. Park the MEWP and carry out shut-down and securing procedures |
| <p>Notes</p> | <ul style="list-style-type: none"> • At least two points shall be accessed for height and at least two points for reach – one with and one without given signals • If the machine is hot, checks unable to be carried out (i.e. coolant) may be assessed by the Tester using verbal questions |

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Activity measurements

| | |
|---|---|
| Travel restrictions | <ul style="list-style-type: none">• 300 mm |
| Chicane restrictions | <ul style="list-style-type: none">• 20% of the MEWP's width |
| Height to be accessed | <ul style="list-style-type: none">• At least 85% of the MEWP's maximum operating height |
| Horizontal reach | <ul style="list-style-type: none">• At least 85% of the MEWP's horizontal reach ability |
| Travel distance with raised platform | <ul style="list-style-type: none">• 10 metres |
| Test timings | <ul style="list-style-type: none">• The test must be completed within 1 hour |

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Basic details

| | |
|--|---------------------|
| Test ref: | Candidate name: |
| Tester name: | Candidate ref: |
| Tester ref: | Date of test: |
| Endorsement: A <input type="checkbox"/> B <input type="checkbox"/> | Start time of test: |
| Make and model: | Duration: |

| Mandatory | Correctly carried out during the test? | Y/N |
|-------------------|---|-----|
| Preparing | 1 All pre-start and running checks (or responses to relevant questions) | |
| | 2 Emergency lowering function checked | |
| Travelling | 3 MEWP set for travel | |
| | 4 Tools/equipment checked for security and positioning | |
| | 5 Route assessed prior to travel | |
| | 6 Encountered hazards and restrictions cleared | |
| Setting up | 7 Faced direction of travel whilst travelling | |
| | 8 Allocated area checked and clear of hazards prior to accessing | |
| | 9 Accessing area secured | |
| | 10 Signal arrangements confirmed with the signaller | |
| Working | 11 Harness donned and attached | |
| | 12 MEWP positioned to access each point | |
| | 13 Accessed given points and height | |
| | 14 Accessed given points using horizontal reach | |
| Shutdown | 15 No contact with obstructions | |
| | 16 Followed given instructions | |
| Other | 17 Maintained stability at all times | |
| | 18 All shutting down and securing procedures | |
| | 19 Fall arrest equipment stowed for future use | |
| | 20 Legislation, manufacturers' and health and safety requirements complied with | |
| | 21 Test completed within the given time | |

All of these items must be awarded

Achieved / Not achieved

Faults

Candidate incorrectly carried out the following:

| | | Fault | Mark | Penalty |
|------------------------------------|--|-------|------------------------|---------|
| Travelling | 1 MEWP mounting and dismounting | | 1 | |
| | 2 Identify information from the Operator's Manual | | 2 | |
| | 3 Full observation before moving and whilst travelling | | 2 | |
| | 4 Full observation before and during raising the platform | | 2 | |
| | 5 Full observation before and during lowering the platform | | 2 | |
| | 6 Full observation before and during slewing or extending the platform | | 2 | |
| Working | 7 Platform raised smoothly | | 1 | |
| | 8 Platform lowered smoothly | | 1 | |
| | 9 Platform slewed smoothly | | 1 | |
| | 10 Intended direction selected for travel | | 1 | |
| | 11 Travelling smoothly with a raised platform | | 2 | |
| | 12 Sequence of using steering and hydraulic controls | | 1 | |
| Not exceeded five penalties | | | Total penalties | |

Achieved / Not achieved