

Technical test - Practical

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 • Toolbox or similar item of a known weight • 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 5 metres and a horizontal reach of at least 3 metres, meet the specification for the required endorsement, be in serviceable condition and conform with current legislation • 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 must be with the MEWP • The structure must have items or objects positioned at a height of at least 75% of the platform's working height • The toolbox or similar, which must weigh at least 10 kilos • 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



Sequence	<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>
Preparing for work	<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 identified2. Carry out an emergency lowering function check
Travelling & manoeuvring <i>(refer to specifications)</i>	<ol style="list-style-type: none">3. Travel to the work area and pass through a chicane executing full left- and right-hand turns4. Travel the MEWP with the platform raised and pass through a restriction (endorsement B only)
Setting up for work	<ol style="list-style-type: none">5. Prepare an exclusion zone in the relevant area
Working tasks <i>(refer to specifications)</i>	<ol style="list-style-type: none">6. Access given points at height7. Access given points requiring use of horizontal reach
Shutting down	<ol style="list-style-type: none">8. Park the MEWP and carry out shut-down and securing procedures
Notes	<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• For activity 3, the platform should be at least 50% of maximum available height• 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">• 500 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 75% of the MEWP's maximum operating height
Horizontal reach	<ul style="list-style-type: none">• At least 75% 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		
Other	19 Fall arrest equipment stowed for future use		
	20 Legislation, manufacturers' and health and safety requirements complied with		
Other	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	
Total penalties				

Achieved / Not achieved