

Mobile Elevated Work Platform

A27

Mast Climber

Technical Test – Practical

RESOURCES

Required

Machine	<ul style="list-style-type: none"> • MEWP Mast Climber
Area	<ul style="list-style-type: none"> • Ground, clear of hazards which must include: <ul style="list-style-type: none"> – an exclusion zone – above ground access points
Other equipment	<ul style="list-style-type: none"> • Load of a known weight • Harness (if applicable) • Loading assistance
Notes	<ul style="list-style-type: none"> • The machine selected for the test must meet be in serviceable condition and conform with current legislation • There must be at least 3 access points above ground level • The operator's manual must be with the mast climber • A load weighing at least 1 tonne or 50% of the mast climber's payload • The need and type of harnessing equipment may vary with different types of mast climbers. 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

ACTIVITY

Instructions

Sequence	<ul style="list-style-type: none"> • Activities 1–3 must be undertaken at the start of the test • Activity 10 must be undertaken at the end of the test • All other activities to be taken sequentially <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. Check that the mast climber is positioned on firm level ground, secure and supported 2. Check that all related equipment is positioned as required by the manufacturer 3. Complete all manufacturers' pre-start and running checks and prepare the mast climber for work
Setting up for work	<ol style="list-style-type: none"> 4. Prepare an exclusion zone in the relevant area 5. Travel the platform unladen to the full limits of operation 6. Carry out the emergency lowering procedure by lowering within one floor
Working tasks (refer to specifications)	<ol style="list-style-type: none"> 7. Place the load within the platform 8. Travel the platform to given levels 9. Travel the platform to an out-of-service level and remove the load
Shutting down	<ol style="list-style-type: none"> 10 Place the mast climber out-of-service and secure
Notes	<ul style="list-style-type: none"> • At least four points shall be accessed
Test timings	<ul style="list-style-type: none"> • The test must be completed within 1 hour and 15 minutes

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Basic details	Test ref.	Candidate name
	Tester name	Candidate ref.
	Tester ref.	Date of test
	Make and model	Start time of test
		Duration

MANDATORY		Correctly carried out during the test?	Y / N
Preparing	1 Checked the work area for hazards prior to use		
	2 Checked the mast climber was vertical prior to use		
	3 Checked the mast climber was stable prior to use		
	4 All pre-start and running checks (or responses to relevant questions)		
Setting up	5 Allocated area checked and clear of hazards prior to work		
	6 Accessing area secured		
	7 Harness donned and attached (if required)		
	8 Safety devices checked for function and security		
	9 Emergency lowering function checked		
	10 Platform travelled to limits of operation		
Working	11 Prepared platform and landing for load transfer		
	12 Accessed given points		
	13 Load secure in platform		
	14 Followed given instructions		
	15 Platform positioned at an out-of-service level		
Shutdown	16 All out-of-service and securing procedures		
Other	17 Legislation, manufacturers' and health and safety requirements complied with		
	18 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 Platform loading and unloading			2	
	2 Full observation before moving			2	
	3 Full observation whilst travelling			2	
Working	4 Platform raised smoothly			2	
	5 Platform lowered smoothly			1	
	6 Intended direction selected for travel			2	
	7 Sequence of controls			1	
Not exceeded 8 penalties			Total penalties		
					Achieved / Not achieved

