

Advanced On-Site Assessment

Telescopic handler - A17

Resources required – Endorsements A to C



<p>Machine</p>	<ul style="list-style-type: none"> • Telescopic Handler equipped with: <ul style="list-style-type: none"> - standard forks - ROPS, FOPS and seatbelt - rough terrain capability (not applicable for Endorsement A) - Endorsement B – machine must have a minimum operating of 7 metres - Endorsement C – machine must have a minimum operating height of 12 metres and be equipped with stabilisers
<p>Area</p>	<ul style="list-style-type: none"> • Flat surface for travelling on and for placing/stacking loads • Rough undulating terrain, (not applicable for Endorsement A) • Incline or inclines • Clear straight run not less than 20 metres in length
<p>Other equipment</p>	<ul style="list-style-type: none"> • Truck bed fitted with a headboard • Loading-out tower built out of scaffolding, either tube and fitting or system (quick lock), that meets current legislation and be at least 85% of the forklift's full operating height • Items to create restrictions for manoeuvring
<p>Loads</p>	<ul style="list-style-type: none"> • LOAD 1 1 x load at least 50% of the rated capacity of the telescopic-handler • LOAD 2 3 x loads of equal dimensions • LOAD 3 1 x load weighting less than the machine lift capacity at full horizontal reach
<p>Notes</p>	<ul style="list-style-type: none"> • The machine selected for the test must meet the specification for the required endorsement, be in serviceable condition and conform with current legislation • The operator's manual and all other related supporting documents such as risk assessments etc. must be with the telehandler • The weight of all loads must be known • The loading-out tower must be of a height that allows LOAD 1 to be placed using at least 85% of telehandler's full operating lift height • The truck bed can be simulated but must conform to road haulage standard specifications, including the ground/bed height • The slope must have an incline of 18% (1 : 5.5) • The equipment used to mark out the manoeuvring exercises such as the chicane must have a height of at least 1 metre • The restriction clearance for the reversing exercise must not be more than 300mm or 10% of the machine width (whichever is the greater) between the machine and the restriction sides

Advanced On-Site Assessment

Telescopic handler - A17

Resources required *(Continued)*



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Notes (Continued)	<ul style="list-style-type: none">• Tape measure for the checking of load centres and fork widths etc. <p>If a machine having an operating height in excess of 16 metres is being used for the test, the following concession may be used as an alternative</p> <p>A loading-out tower having a height of 12 metres may be used providing there is a minimum distance, as shown in the table, from the base of the tower to the fork tips of the telehandler when the tips of the forks are facing the tower</p>	
	Operating height (metres)	Minimum distance (metres)
	17	2
	18	2
	19 metres and above	3

Advanced On-Site Assessment

Telescopic handler - A17

Activity instructions – Endorsements A to C



<p>Sequence</p>	<ul style="list-style-type: none"> • Activity 1 must be undertaken at the start of the test • Activities 2 – 10 and 12 can be undertaken in any order • Activity 10 may be incorporated during activities 6 – 9 • Activity 13 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 telescopic-handler 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
<p>Travelling & manoeuvring <i>(refer to specifications)</i></p>	<ol style="list-style-type: none"> 2. In an un-laden state and with LOAD 1: <ul style="list-style-type: none"> - travel up and down the slope - travel over rough terrain - pass through a chicane executing full right and left-hand turns in a forward and reverse direction - stop and restart on the incline whilst loaded
<p>Setting up for work</p>	<ol style="list-style-type: none"> 3. Prepare and set the telescopic-handler for each lift 4. Remove the forks and fit an attachment (or refit the forks having manoeuvred the machine away)
<p>Working tasks <i>(refer to specifications)</i></p>	<ol style="list-style-type: none"> 5. Lift and place LOAD 1 onto the loading out tower. When placed, move the telehandler away from the tower. Retrieve the load, lower to ground level and place at a given point 6. Lift and place 3 x LOAD 2 onto the truck bed. On completion, remove all loads (LOAD 2) from the truck bed and return to the original position 7. Lift LOAD 3 and place at ground level at an indicated point using full reach (horizontal) of the telehandler 9. Lift LOAD 1 and reverse in a straight line for at least 20 metres, passing through a restriction at the end of the run 10. Carry out undercutting when lifting and placing a load
<p>Completing work</p>	<ol style="list-style-type: none"> 11. All loads to be placed at ground level following completion of each activity 12. Configure the telehandler for road travel
<p>Shutting down</p>	<ol style="list-style-type: none"> 13. Park the telehandler and carry out shut-down and securing procedures

Advanced On-Site Assessment

Telescopic handler - A17

Activity instructions – Endorsements A to C (Continued)



Notes	<ul style="list-style-type: none"> • For activity 5, another activity must be undertaken after placing the load at height • For activities 2 (chicane) and 9, the restrictions must be higher than the height of the load. The forks may not be raised during manoeuvring activities. • On activity 6: <ul style="list-style-type: none"> - Should the load or pallet be narrower than fork carriage, the given measurement (maximum of 75mm) applies between the headboard and side of the carriage for the first load - On completion of the third load being placed, the machine must be moved away from the truck bed. - The candidate must be instructed at the start of this activity to load the vehicle as though further loads are to be placed on the vehicle bed e.g. following the sequence whereby the vehicle is to be fully loaded • 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

Load placing	<ul style="list-style-type: none"> • 100 mm of a given position
Load placing (vehicle bed)	<ul style="list-style-type: none"> • Maximum of 75 mm clearance between all loads, and the loads and truck headboard
Load placing (stacking)	<ul style="list-style-type: none"> • Maximum of 75 mm clearance between each load when placing back at ground level (activity 7)
Manoeuvring	<ul style="list-style-type: none"> • Maximum clearance less than 300 mm or 10% of the machine's width (the greater applies) between the telehandler and chicane/restriction sides when undertaking each turn, or passing through the restriction
Manoeuvring LOAD 3	<ul style="list-style-type: none"> • Maximum clearance less than 300 mm
Test timings	<ul style="list-style-type: none"> • The test must be completed within 1 hour

Advanced On-Site Assessment

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Basic details



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Test ref:	Candidate name:
Tester name:	Candidate ref:
Tester ref:	Date of test:
Endorsement: A <input type="checkbox"/> B <input type="checkbox"/> C <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 Identify and select correct PPE and weather-related equipment to be worn	
Travelling	3 Telehandler set for travel	
	4 Seat belt worn	
	5 Full observation before moving and reversing	
	6 Restrictions and hazards cleared	
	7 Full control maintained when ascending and descending slopes	
	8 Travel direction on slopes	
	9 No opposite movement of intended direction when restarting on slopes	
	10 Limbs and body kept within confines of cab (when travelling)	
	11 Straight line kept during reversing activity	
	12 Loads secure on forks	
	Setting up	13 Allocated area checked and clear of hazards prior to lifting
14 Loads assessed for weight and condition prior to lifting		
15 Forks spaced to match loads		
16 Stabilisers set (if applicable) and forklift level prior to lifting or placing loads		
17 Removal and replacement of an attachment		
Working tasks	18 Lift capacity within safe limit	
	19 Machine's stability maintained at all times	
	20 Loads/pallets and surrounding area not damaged during operations	
	21 Sequence of loads placed and removed onto and from truck bed	
	22 Parking brake applied and neutral selected before lifting and placing loads	
	23 Undercut loads	
Completing	24 Loads left safe and secure	
Shutdown	25 All shut down and securing procedures	
Other	26 Legislation, manufacturers' and health and safety requirements complied with	
	27 Test completed within the given time	

Faults	All of these items must be awarded Candidate incorrectly carried out the following:	Achieved / Not achieved		
		Fault	Mark	Penalty
Travelling	1 Telehandler mounting and dismounting		1	
	2 Identify information from the Operator's Manual		2	
	3 Full observation whilst travelling		2	
	4 Gear ratios matched to ground and work speed		2	
	5 Travel speed matched to ground conditions and type		1	
	6 All loads placed at the given points within the given tolerance		2	
	7 Boom kept fully retracted during travel		2	
	8 Forks or loads kept low but clear of the ground during travel		1	
Working	9 Position and set the forklift when lifting or placing loads		2	
	10 Loads entered and exited cleanly		1	
	11 Loads heeled whilst travelling		1	
	12 Loads lowered within 1 metre after removing from truck bed		1	
	13 Sequence of using hydraulic/lifting controls		2	
	14 Smooth use of steering, braking, transmission and hydraulic controls		1	
Not exceeded five penalties			Total penalties	
				Achieved / Not achieved