

# Advanced Technical Test - Practical

## Mobile Crane - A60



### Resources required - Additional

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	<ul style="list-style-type: none"><li>• Mobile crane of at least 25 tonnes lifting capacity</li><li>• <b>Load 4</b> 1 x load being a tube or structure not less than 6 metres in length able to be stood on one of its ends. (Care must be taken to ensure that the lifting gear for Load 4 is secure from horizontal to upright)</li></ul>
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### Activity instructions - Additional

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	<ul style="list-style-type: none"><li>• Lift <b>Load 4</b> to stand within several degrees of vertical on one of its ends. When vertical to the satisfaction of the tester, replace back to horizontal</li></ul>
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### Activity measurements - Additional

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<b>Reversing specification</b>	<ul style="list-style-type: none"><li>• No wider than the width of the crane plus 800 mm</li></ul>
<b>Test timings</b>	<ul style="list-style-type: none"><li>• The test must be completed within 2 hours and 40 minutes</li></ul>

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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"/> C <input type="checkbox"/>	Start time of test:
Make and model:	Duration:

<b>Mandatory</b>		<b>Correctly carried out during the test?</b>	<b>Y/N</b>
<b>Preparing</b>	1 All pre-start and running checks (or responses to relevant questions)		
<b>Travelling</b>	2 Crane set for travel		
	3 Restrictions cleared		
	4 Encountered hazards cleared		
<b>Setting up</b>	5 Area checked and safe prior to setting up for lifting and depositing loads		
	6 Crane positioned prior to lifting loads		
	7 Stabilisers set (A & C only)		
	8 Ensured crane was level prior to lifting loads		
	9 RCI programmed for all lifting duties		
	10 Hook blocked re-reeved to requested number of falls		
	11 Communication arrangements confirmed with the signaller		
<b>Working</b>	12 Turntable locked/braked prior to travelling with a suspended load (B and C only)		
	13 SWL not exceeded at all times		
	14 Load integrity and stability maintained at all times		
	15 Loads did not contact any obstructions		
	16 Lifted, moved and lowered all loads in a controlled manner		
	17 Route assessed and travelled with the suspended load in a controlled manner (B and C only)		
<b>Completing</b>	18 Instructions conformed with		
	19 Crane re-configured from lifting to travelling duties		
<b>Shutdown</b>	20 Parked in appropriate place		
	21 All shutdown and securing procedures		
<b>Other</b>	22 Legislation, manufacturers' and health and safety requirements complied with		
	23 Test completed within the given time		

All of these items must be awarded Achieved / Not achieved

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AN NOCN JOB CARD

Faults		Candidate incorrectly carried out the following:	Fault	Mark	Penalty
<b>Travelling</b>	1	Crane mounting and dismounting		1	
	2	Identify information from the Operator's Manual		2	
	3	Full observation before moving and reversing		3	
	4	Full observation whilst travelling		2	
	5	Full observation before slewing the upper structure		2	
	6	Lifting accessories kept clear of the ground		1	
	7	Load swings kept within 0.5 of a metre / rectified swinging		2	
<b>Working</b>	8	All loads placed at the given points within the given tolerance		2	
	9	Each load lifted clear of surface and checking for integrity		2	
	10	All loads vertically lifted (hoist rope)		2	
	11	Sequence of using hydraulic/lifting controls		2	
	12	Smooth use of the steering, braking and hydraulic controls		1	
<b>Not exceeded five penalties</b>			<b>Total penalties</b>		
Achieved / Not achieved					