

# Advanced technical test - Practical

## Crawler crane - A02



### Resources required - Additional

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	<ul style="list-style-type: none"><li>• Crawler Crane of at least 40 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 Load 4 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>Manoeuvring restriction</b>	<ul style="list-style-type: none"><li>• Maximum of the width of the crane plus 600 mm</li></ul>
<b>Test timings</b>	<ul style="list-style-type: none"><li>• The test must be completed within 1 hour and 45minutes</li></ul>

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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
<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 Faced direction of travel		
	5 Encountered hazards cleared		
<b>Setting up</b>	6 Area checked and safe prior to setting up for lifting and depositing loads		
	7 Crane positioned prior to lifting loads		
	8 Ensured crane was level prior to lifting loads		
	9 RCI programmed for all lifting duties		
	10 Communication arrangements confirmed with the signaller		
	11 Hook blocked re-reeved to requested number of falls		
<b>Working</b>	12 Turntable locked/braked prior to travelling with a suspended load		
	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>Completing</b>	18 Instructions conformed with		
<b>Shutdown</b>	19 Crane re-configured from lifting to travelling duties		
	20 Parked in appropriate place		
<b>Other</b>	21 All shut down and securing procedures		
	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

Faults		Candidate incorrectly carried out the following:	Fault	Mark	Penalty
<b>Travelling</b>	1 Crane mounting and dismounting			1	
	2 Identified information from the Operator's Manual			2	
	3 Full observation before moving and reversing (where applicable)			3	
	4 Full observation whilst travelling			2	
	5 Full observation before slewing the upper structure			2	
	6 Keeping drive sprockets to the rear when travelling			1	
	7 Keeping lifting accessories clear of the ground			1	
	8 Keeping load swings within 0.5 of a metre / rectify swinging			2	
<b>Working</b>	9 Placing all loads at the given points within the given tolerance			2	
	10 Lifting each load clear of surface and checking for integrity			2	
	11 Lifting all loads vertically (hoist rope)			2	
	12 Sequence of using lifting controls			2	
	13 Smooth use of steering and lifting controls			1	
<b>Not exceeded five penalties</b>			<b>Total penalties</b>		
					<span style="border: 1px solid black; padding: 2px;">Achieved / Not achieved</span>