

Advanced Technical Test - Practical

Appointed Person - A61

Lifting Operations



Resources required - Additional

	<ul style="list-style-type: none">• Note: To hold the category of A61, potential testers must:<ul style="list-style-type: none">a) hold A02, A04 or A60, plus A40 on a CPCS tester cardb) have 900 hours of experience of undertaking duties as an Appointed Person (AP) (according to BS 7121 Part 1:2016)c) have passed the CITB Managers and Professional Health and Safety Test
--	--

Activity instructions - Additional

	<ul style="list-style-type: none">• None additional
--	---

Activity measurements - Additional

Test timings	<ul style="list-style-type: none">• The test is to be completed within 5 hours and 30 minutes
---------------------	---

Advanced technical test - Practical

Appointed person - A61

Lifting operations



Basic details

Test ref:	Candidate name:
Tester ref:	Candidate ref:
Tester ref:	Date of test:
Make and model:	Start time of test:
	Duration:

The Candidate must achieve all asterisked items and a minimum of 12 of the remaining items to be successful on the test.

	Criteria	Standard	Y/N
Section A (1) General details	1 Customer	<i>as stated in given scenario</i>	
	2 Name of site contact	<i>as stated in given scenario</i>	
	3 Phone number of contact	<i>as stated in given scenario</i>	
	4 Site location	<i>full description as stated in given scenario</i>	
	5 The description of lift	<i>as stated in given scenario</i>	
Section B (2) Loads	6 The net weight of the load/loads*	<i>as stated in given scenario</i>	
	7 The gross weight of the load/loads*	<i>calculated as weight offload/ hook block and lifting accessories with a minimum FOS identified</i>	
	8 Dimensions of the load/loads*	<i>as stated in given scenario</i>	
	9 Position of the C of G	<i>as calculated (load is uniform or central)</i>	
	10 Height of the lift*	<i>from ground level to bottom of load</i>	
	11 Maximum radius*	<i>of load at any given point during the lift</i>	
Section C (3) Crane	12 Make and model*	<i>as identified</i>	
	13 The required capacity*	<i>must be the predetermined ideal size & type</i>	
	14 Main boom length required	<i>as per selected crane specifications</i>	
	15 Fly jib length and angle (if required)	<i>as per selected crane specifications</i>	
	16 Outrigger spread*	<i>as per selected crane specifications</i>	
	17 Mat/pad size*	<i>as calculated</i>	
	18 Rigged weight of crane*	<i>as per manufacturers' specifications</i>	
	19 Additional counterweights (if required)	<i>as per manufacturers' specification</i>	
Section D (4) Ground conditions	20 Access and egress points for the crane*	<i>as stated in given scenario</i>	
	21 Access and egress points for other transport	<i>as stated in given scenario</i>	
	22 The required lifting position*	<i>as stated in given scenario</i>	
Section E (5) Lifting accessories	23 The type and length required*	<i>suitable type(s) identified</i>	
	24 Correct WLL identified*	<i>accurate</i>	
	25 The number of lifting accessories required*	<i>number identified</i>	

Advanced technical test - Practical

Appointed person - A61

Lifting operations



	Criteria	Standard	Y/N
Section F (6a) Proximity hazards (as applicable)	26 Overhead power lines*	<i>identified as yes or no</i>	
	27 Other types of overhead obstacles*	<i>identified as yes or no</i>	
	28 Underground services*	<i>identified as yes or no</i>	
	29 Excavations*	<i>identified as yes or no</i>	
	30 Unstable/soft ground*	<i>identified as yes or no</i>	
	31 Hazardous chemicals/materials	<i>identified as yes or no</i>	
	32 Confined working areas*	<i>identified as yes or no</i>	
	33 Restricted access – width*	<i>identified as yes or no</i>	
	34 Restricted access – height*	<i>identified as yes or no</i>	
	35 Other vehicles	<i>identified as yes or no</i>	
36 Other hazards*	<i>identified as yes or no</i>		
Section G (6b) Load hazards	37 Slinging difficulties*	<i>identified as yes or no</i>	
	38 Top heavy loads*	<i>identified as yes or no</i>	
	39 Sharp edged loads*	<i>identified as yes or no</i>	
	40 Other hazards*	<i>identified as yes or no</i>	
Section H (7) Assessment of risk	41 Hazards (not included in items 26-40)*	<i>identified</i>	
	42 Risk s against the hazards in item 41*	<i>identified</i>	
	43 Action to be taken to avoid/reduce risk as in item 41*	<i>identified</i>	
	44 Risk s against the hazards in items 26-40*	<i>identified</i>	
	45 Action to be taken to avoid/reduce risk as in items 26-36*	<i>identified</i>	
Section I (8)	46 The equipment the crane must come equipped with	<i>identified (must state if information is contained in method statement)</i>	
Section J (9)	47 Customer provisions	<i>identified (must state if information is contained in method statement)</i>	
Section K (10) Personnel	48 The number of additional personnel required*	<i>must be minimum of 2 noted – lifting at height or depth requires minimum of 3</i>	
	49 The type of personnel required*	<i>identified</i>	
	50 Any PPE that personnel must be equipped with*	<i>identified</i>	
Section L (11) Lifting accessories	51 Supplier of lifting accessories	<i>identified</i>	

Advanced technical test - Practical

Appointed person - A61

Lifting operations



	Criteria	Standard	Y/N
Section M (12) Weather / Environmental and ground conditions	52 Conditions when the lifting operation must be shut down	<i>as per crane manufacturers' recommendations</i>	
	53 Instruction to check wind speed at point of lift*	<i>identified</i>	
Section N (13) Ground conditions	54 Ground conditions, and stated all precautions to be taken*	<i>identified</i>	
Section O (14) Sequence of operations	55 The sequence of operations*	<i>logical order, does not cause incident or greater, is without confusion</i>	
Section P (15) Contingency statement	56 Include a contingency statement*	<i>In case of interruption of lift etc.</i>	
Section Q Drawing	57 Did the drawings (plan and elevation) show the positioning of the crane*	<i>clear and identifiable</i>	
	58 Did the drawings correctly show the positioning of the crane, load (before and after lift) slinging arrangements and ancillaries *	<i>clear and identifiable</i>	
	59 Clearly marked to scale*	<i>scale clearly identified, matched to drawing and suitable to show detail</i>	
Section R Additional	60 Were the contents of the method statement understandable to others who may be involved in the lift*	<i>clear, decipherable and coherent</i>	

The Candidate must achieve all asterisked items and a minimum of 12 of the remaining items to be successful on the test

Achieved / Not Achieved