

Advanced technical test - Practical

Piling rig - A45

Driven below 20 tonnes



Resources required - Additional

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

	<ul style="list-style-type: none">• Minimum of 6 piles to be installed
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Activity measurements - Additional

Manoeuvring restriction	<ul style="list-style-type: none">• Maximum of the width of the rig plus 500 mm
Pile measurement	<ul style="list-style-type: none">• Maximum of 5 degrees from vertical
Test timings	<ul style="list-style-type: none">• The test is to be completed within 2 hours

Advanced technical test - Practical



Piling rig - A45 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 All pre-start and running checks (or responses to relevant questions)		
Travelling	2 Set the rig correctly for travel		
	3 Restrictions cleared		
	4 Faced the direction of travel		
	5 Encountered hazards cleared		
	6 Area checked and safe prior to setting up for driven works		
Setting up	7 Rig positioned accurately prior to driven works		
	8 Ensured rig was level prior to driven works		
	9 RCI programmed for all duties (if fitted)		
	10 Communication arrangements confirmed with the signaller		
Working	11 Placed the pile in the frame/rig and aligned for driving		
	12 Drove each pile to the specification		
	13 Did not exceed rig's capacity		
	14 Rig stability maintained		
	15 Instructions conformed with		
	16 Rig re-configured from piling to travelling duties		
Shutdown	17 Parked in appropriate place		
	18 All shut down and securing procedures		
Other	19 Legislation, manufacturers' and health and safety requirements complied with		
	20 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 Rig 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 Drive sprockets kept to the rear when travelling			1	
	7 Matching travel speed to ground types			1	
	8 Piling hammer setting for travel			2	
Working	9 Minimal manoeuvring maintained during work			2	
	10 Using planned cycles of operation			2	
	11 Sequence of using driving (piling) controls			1	
	12 Smooth use of steering controls			1	
Not exceeded five penalties			Total penalties		
Achieved / Not achieved					