

Advanced technical test - Practical

Piling rig - A48

Bored above 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 600 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 must be completed collectively within 2 hours

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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
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 bored works		
Setting up	7 Rig positioned accurately prior to bored works		
	8 Ensured rig was level prior bored works		
	9 RCI programmed for all duties (if fitted)		
	10 Communication arrangements confirmed with the signaller		
Working	11 Aligned the flight for the required bore angle		
	12 Created each bore to the specification		
	13 Soil spun of flight in the agreed area (if applicable)		
	14 Formed pile to the specification		
	15 Did not exceed rig's capacity		
	16 Rig stability maintained		
	17 Instructions conformed with		
	18 Rig reconfigured from piling to travelling duties		
Shutdown	19 Parked in appropriate place		
	20 All shut down and securing procedures		
Other	21 Legislation, manufacturers' and health and safety requirements complied with		
	22 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 Auger motor and flight setting for travel			2	
Working	9 Minimal manoeuvring maintained during work			2	
	10 Using planned cycles of operation			2	
	11 Sequence of using boring (piling) controls			1	
	12 Smooth use of steering controls			1	
Not exceeded five penalties			Total penalties		
Achieved / Not achieved					