

Advanced technical test - Practical

Piling rig - A47

Bored 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 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	
Setting up	5 Encountered hazards cleared	
	6 Area checked and safe prior to setting up for bored works	
	7 Rig positioned accurately prior to bored works	
	8 Ensuring rig was level prior bored works	
Working	9 RCI programmed for all duties (if fitted)	
	10 Communication arrangements confirmed with the signaller	
	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	
Shutdown	17 Instructions conformed with	
	18 Rig re-configured from piling to travelling duties	
Other	19 Parked in appropriate place	
	20 All shut down and securing procedures	
	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 Matched travel speed to ground types		1	
	8 Auger motor and flight setting for travel		2	
Working	9 Minimal manoeuvring maintained during work		2	
	10 Used 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		
				<input type="checkbox"/> Achieved / Not achieved <input type="checkbox"/>