

Advanced technical test - Practical

Piling rig - A46

Driven above 20 tonnes



Resources required - Additional

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

Activity instructions - Additional

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

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

Advanced technical test - Practical Piling rig - A46



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	
Setting up	6 Area checked and safe prior to setting up for driven works	
	7 Rig positioned accurately prior to driven works	
	8 Ensured rig was level prior driven works	
	9 RCI programmed for all duties (if fitted)	
Working	10 Communication arrangements confirmed with the signaller	
	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	
Shutdown	16 Rig re-configured from piling to travelling duties	
	17 Parked in appropriate place	
Other	18 All shut down and securing procedures	
	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

Advanced technical test - Practical Piling rig - A46



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
