

Driven below 15 tonnes

A45

Technical Test - Practical

RESOURCES

Required

Machine	Piling rig configured for driven operations
Area	Facilities for rig travel and parking
Alea	Flat area to driven works to take place
	Driving equipment to install displacement piles
Other	Crane for lifting operations (if required)
Other equipment	Suitable personnel to assist with the operations
	Applicable lifting accessories for all loads (if required)
	Items to create restrictions for manoeuvring
Piles	 At least one of the following pile types: steel casings steel box section steel 'H' section timber section concrete section Other pile types may be used depending on contract requirements
	The machine selected for the test must be in serviceable condition and conform with current legislation
	Pile sizes to be at least 150 mm (or as specified for working operations)
Nietes	Depth of all piles to be 6 metres (or as specified for working operations)
Notes	The operator's manual must be with the rig
	All lifting accessories must be fit for purpose and certificated
	The weight of all loads must be known
	Specification detailing location, type and depth of piles

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ACTIVITY

Instructions



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v	Test ref.	Candidate name
details	Tester name	Candidate ref.
900	Tester ref.	Date of test
Basic	Make and model	Start time of test
ω		Duration

MANDATO	ORY Correctly carried out during the test?	Y/N
Preparing	All pre-start and running checks (or responses to relevant questions)	
	2 Set the rig correctly for travel	
Travelling	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	
	7 Rig positioned accurately prior to driven works	
Setting up	8 Ensured rig was level prior to driven works	
	9 RCI programmed for all duties (if fitted)	
	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	
Working	13 Did not exceed rig's capacity	
Working	14 Rig stability maintained	
	15 Instructions conformed with	
	16 Rig re-configured from piling to travelling duties	
Shutdown	17 Parked in appropriate place	
Onatdown	18 All shut down and securing procedures	
	19 Legislation, manufacturers' and health and safety requirements complied	
Other	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
	1 Rig mounting and dismounting		1	
	2 Full observation before moving and reversing		3	
	3 Full observation whilst travelling		2	
Travelling	4 Full observation before slewing the upper structure		2	
	5 Drive sprockets kept to the rear when travelling		1	
	6 Matching travel speed to ground types		1	
	7 Piling hammer setting for travel		2	
	8 Minimal manoeuvring maintained during work		2	
Working.	9 Using planned cycles of operation		2	
Working	10 Sequence of using driving (piling) controls		1	
	11 Smooth use of steering controls		1	
	Not exceeded 8 penalties	Total p	enalties	
		Achiev	ed / Not a	chieved

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Tester observations	
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	I confirm that I, the candidate have undertaken the test and I, the tester have carried out the Practical Technical Test Advanced in accordance with CPCS requirements and that the
	candidate has:
Sign off	Achieved Not achieved
Sign	Candidate signature:
Sign	
Sign	Candidate signature: Tester signature:
Sign	Tester signature:
Sign	Tester signature: Grant is only payable for the award of a full Technical Test or Advanced Technical Test pass (both practical and theory elements to a maximum of 2 categories in any Grant Scheme year)
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