

# Advanced technical test - Practical Trencher - A37



## Resources required - Additional

	<ul style="list-style-type: none"><li>• Trencher</li></ul>
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## Activity instructions - Additional

	<ul style="list-style-type: none"><li>• None additional</li></ul>
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## Activity measurements - Additional

<b>Travel restrictions</b>	<ul style="list-style-type: none"><li>• 400 mm</li></ul>
<b>Trench depth</b>	<ul style="list-style-type: none"><li>• Activity 4: 1 x trench = 1.0 metre <math>\pm</math> 10 mm and 1 x trench = 1.4 metres <math>\pm</math> 10 mm* (*except for rockwheel type which maintains the 1.0 metre depth <math>\pm</math> 10 mm)</li><li>• Activity 5: 1.0 metre <math>\pm</math> 10 mm and straight within <math>\pm</math> 50 mm</li></ul>
<b>Trench lengths</b>	<ul style="list-style-type: none"><li>• Each trench to be a minimum of 15 metres long</li></ul>
<b>Test timings</b>	<ul style="list-style-type: none"><li>• The test must be completed within 1 hour</li></ul>

# Advanced technical test - Practical

## Trencher - A37



### 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
<b>Preparing</b>	1 All pre-start and running checks (or responses to relevant questions)		
<b>Travelling</b>	2 Trencher set for travel		
	3 Restrictions and hazards cleared		
	4 Maintained control on inclines		
<b>Setting up</b>	5 Allocated area checked and clear of hazards prior to excavating		
<b>Working</b>	6 Trencher laterally level whilst excavating		
	7 Chain/wheel sequence of events for ground engagement followed		
	8 Excavated material clear of trench		
	9 Trenches conform to the stated sizes and tolerances		
	10 Conveyer(s) set to remove spoil clear of cut		
	11 Cutting speed matched to load		
<b>Shutdown</b>	12 Depth controlled on sloping ground		
	13 All shutdown and securing procedures		
<b>Other</b>	14 Legislation, manufacturers' and health and safety requirements complied with		
	15 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
<b>Travelling</b>	1	Trencher mounting and dismounting		1	
	2	Identify information from the Operator's Manual		2	
	3	Full observation before moving		2	
	4	Full observation whilst travelling		2	
	5	Full observation before reversing		3	
	6	Observation maintained whilst excavating		2	
	7	Drive sprockets kept to the rear when travelling (tracked units only)		1	
	8	Travel speed matched to the ground type and conditions		1	
	9	Tight turns avoided when travelling (tracked machines only)		1	
<b>Working</b>	10	Site and set for excavating		2	
	11	Edges of the excavations clean and clear		2	
	12	Material cleanly placed into the loading vehicle (where applicable)		2	
	13	Use of steering/hydraulic controls		2	
<b>Not exceeded five penalties</b>			<b>Total penalties</b>		
<input type="checkbox"/> Achieved / Not achieved <input type="checkbox"/>					