

# Advanced technical test - Practical

## Crawler - tractor/dozer - A34



### Resources required - Additional

	<ul style="list-style-type: none"> <li>• The dozer must be not less than 15 tonnes operating weight</li> <li>• Sufficient area for the excavating activity to take place</li> </ul>
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### Activity instructions - Additional

	<ul style="list-style-type: none"> <li>• Replaces activities 4, 5 and 6:             <ol style="list-style-type: none"> <li>a) Excavate by dozing an area 2.5 x blade width to the specified depth and length of not less than 20 metres stockpiling the surplus at one end</li> <li>b) Batter both sides of the excavation 1 x blade width. Doze and shape the face of the stockpiled material to form a mound with a battered face and traversing vertically or horizontally, leaving a tracked finish</li> <li>c) On completion of the excavating activity, backfill the excavation to level from the stockpile by slot dozing the material back into the base</li> </ol> </li> </ul>
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### Activity measurements - Additional

<b>Travel restrictions</b>	<ul style="list-style-type: none"> <li>• 800 mm</li> </ul>
<b>Excavation depth</b>	<ul style="list-style-type: none"> <li>• 0.5 of a metre <math>\pm</math> 25mm</li> </ul>
<b>Excavation length</b>	<ul style="list-style-type: none"> <li>• 20 metres</li> </ul>
<b>Mound / stockpile angle</b>	<ul style="list-style-type: none"> <li>• Not less than 30 degrees incline</li> </ul>
<b>Test timings</b>	<ul style="list-style-type: none"> <li>• The test must be completed within 2 hours and 30 minutes</li> </ul>

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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:

<b>Mandatory</b>		<b>Correctly carried out during the test?</b>	<b>Y/N</b>
<b>Preparing</b>	1 All pre-start and running checks (or responses to relevant questions)		
<b>Travelling</b>	2 Dozer set for travel		
	3 Restrictions and hazards cleared		
	4 Control maintained when ascending and descending inclines		
<b>Setting up</b>	5 Allocated area checked and clear of hazards prior to excavating		
<b>Working</b>	6 Full blade loads maintained (except for finishing work)		
	7 Depth of cut controlled		
	8 Excavation conformed to the stated size and tolerance		
	9 Excavation sides formed (battered) to specification		
	10 Short cycles of work maintained		
	11 Blade lowered and adjusted smoothly during work		
	12 Material feathered out after the cut		
	13 Excavated area reinstated back to the original contours		
<b>Shutdown</b>	14 Stockpile formed as per specifications		
<b>Other</b>	15 All shutdown and securing procedures		
	16 Legislation, manufacturers' and health and safety requirements complied with		
	17 Test completed within the given time		

**All of these items must be awarded** Achieved / Not achieved

<b>Faults</b>		<b>Candidate incorrectly carried out the following:</b>	<b>Fault</b>	<b>Mark</b>	<b>Penalty</b>
<b>Travelling</b>	1 Dozer 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 and reversing			2	
	5 Travel speed matched to the ground type and conditions			1	
<b>Working</b>	6 Control of throttle and gear selection			2	
	7 Tight turns avoided when travelling			1	
	8 Site and set for excavating			2	
	9 Trench excavated in layers			2	
	10 Back-blading with the blade			2	
	11 Single stockpile formed at end of trench			2	
	12 Overrunning after dumping load			2	
	13 Smooth use of steering and hydraulic controls			1	
	14 Sequence of using steering/hydraulic controls			1	
<b>Not exceeded five penalties</b>			<b>Total penalties</b>		
					<span style="border: 1px solid black; padding: 2px;">Achieved / Not achieved</span>