

Advanced technical test - Practical Grader - A19



Resources required - Additional

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

	<ul style="list-style-type: none">• Form a straight V shaped ditch and discharge the cut material to one side in a windrow
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Activity measurements- Additional

V-ditch length and depth	<ul style="list-style-type: none">• 30 metres in length and a depth of at least 0.4 metre \pm 25 mm
Bank grading	<ul style="list-style-type: none">• 15 metres minimum to \pm25 mm
Level grading	<ul style="list-style-type: none">• 30 metres in length and 3 x the blade width to \pm25 mm
Test timings	<ul style="list-style-type: none">• The test must be completed within 1 hour and 15 minutes

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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 Grader set for travel		
	3 Restrictions cleared		
	4 Encountered hazards cleared		
	5 Control maintained when ascending and descending inclines		
Setting up	6 Allocated area checked and clear of hazards prior to grading		
	7 Grader set for required work		
	8 Mouldboard set to required position for banking and level work		
Working	9 Bank profile constant and met given specification and tolerances		
	10 Level area graded and conformed to the stated sizes and tolerances		
	11 V-ditch formed to specification		
	12 No contact between mouldboard and machine		
	13 Excavated area reinstated to level		
Shutdown	14 All shut down and securing procedures		
Other	15 Legislation, manufacturers' and health and safety requirements complied with		
	16 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 Grader 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 Mouldboard within machine confines when travelling		1	
	6 Travel speed matched to the ground type and conditions		1	
	7 Mouldboard lowered whilst moving		1	
Working	8 Area graded in layers		2	
	9 Feathering out at the end of the cut		2	
	10 Smooth use of steering/braking/hydraulic controls		2	
	11 Sequence of steering/braking/hydraulic controls		1	
Not exceeded five penalties			Total penalties	

Achieved / Not achieved