

# Skid Steer Loader

**A23**

Technical Test – Practical

## RESOURCES

### Required

Machine	<ul style="list-style-type: none"> <li>• Skid steer loader with:             <ul style="list-style-type: none"> <li>– a general purpose bucket</li> <li>– seat belt</li> </ul> </li> </ul>
Area	<ul style="list-style-type: none"> <li>• Ground, clear of hazards which must include:             <ul style="list-style-type: none"> <li>– rough terrain</li> <li>– slope or slopes</li> <li>– mound or bank of material suitable for extraction</li> <li>– a straight run for reversing</li> </ul> </li> </ul>
Other equipment	<ul style="list-style-type: none"> <li>• Load-carrying vehicle for spoil/material</li> <li>• Items to create restrictions for manoeuvring</li> </ul>
Notes	<ul style="list-style-type: none"> <li>• The machine selected for the test must be in serviceable condition and conform with current legislation</li> <li>• The operator's manual must be with the machine</li> <li>• The slope must have at least an 18% (1:5.5) incline with sufficient manoeuvring room at the top, or a straight ramp with an up and down route with a flat area at the summit</li> <li>• The load-carrying vehicle must have a minimum capacity equivalent to 4 full bucket loads of the skid steer being used for the test</li> <li>• There must be sufficient quantity of material from the bank or mound for all the activities</li> </ul>

### ACTIVITY

#### Instructions

Sequence	<ul style="list-style-type: none"> <li>• Activity 1 must be undertaken at the start of the test</li> <li>• Activity 2 can be undertaken at any time during the test</li> <li>• Activities 5 and 6 can be undertaken in any order</li> <li>• Activity 7 must be undertaken at the end of the test</li> </ul> <p>The test must be completed within a given time. The specifications' section gives further information.</p>
Preparing for work	1. Complete all manufacturers' pre-start and running checks and prepare the skid steer for travel
Travelling & manoeuvring (refer to specifications)	2. In a loaded and unloaded state: <ul style="list-style-type: none"> <li>– travel up and down the slope</li> <li>– stop and start on the slope in the up direction</li> <li>– stop and start on the slope in the down direction</li> <li>– travel over rough terrain</li> <li>– reverse (loaded only) in a straight line for a minimum of 15 metres and pass through a restriction at the end of the run</li> </ul>
Setting up for work	3. Prepare and set the skid steer for the relevant work
Working tasks (refer to specifications)	4. Using material from the bank, create an upward ramp 5. Load material into a vehicle 6. Clean and tidy the work area
Shutting down	7. Park the skid steer and carry out shut-down and securing procedures
Notes	<ul style="list-style-type: none"> <li>• If the machine is hot, checks unable to be carried out (i.e. coolant) may be assessed by the Tester using verbal questions</li> </ul>

#### Activity measurements

Travel restrictions	<ul style="list-style-type: none"> <li>• 800 mm</li> </ul>
Ramp length	<ul style="list-style-type: none"> <li>• 1.5 times the length of the skid steer</li> </ul>
Ramp width	<ul style="list-style-type: none"> <li>• At least 1.5 times the width of the bucket</li> </ul>
Ramp incline	<ul style="list-style-type: none"> <li>• Minimum of 18% (1.5:5)</li> </ul>
Loading vehicle	<ul style="list-style-type: none"> <li>• Minimum of eight full bucket loads (vehicle can be re-loaded to achieve this figure)</li> </ul>
Test timings	<ul style="list-style-type: none"> <li>• The test must be completed within 1 hour and 45 minutes</li> </ul>

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<b>Basic details</b>	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 Seat belt worn		
	3 Skid steer set for travel		
	4 Restrictions and hazards cleared		
	5 Full control maintained when ascending and descending slopes		
	6 No opposite movement of intended direction when restarting on slopes		
	7 Travel direction on slopes		
	8 Straight line kept during reversing activity		
Setting up	9 Allocated area checked and clear of hazards prior to extracting and loading		
Working	10 Ramp created to specification		
	11 Loading vehicle positioning prior to loading		
	12 Vehicle loaded to capacity		
	13 Vehicle evenly loaded but not overloaded		
	14 Spillage of material kept to minimum		
	15 Skid steer stable during activities		
Shutdown	16 Working area cleaned after loading		
Other	17 All shutdown and securing procedures		
	18 Legislation, manufacturers' and health and safety requirements complied with		
	19 Test completed within the given time		
<b>All of these items must be awarded</b>			Achieved / Not achieved

FAULTS		Candidate incorrectly carried out the following:	Fault	Mark	Penalty
Travelling	1	Skid steer mounting and dismounting		1	
	2	Full observation before moving		2	
	3	Full observation whilst travelling		2	
	4	Full observation before moving and reversing		3	
	5	Transmission drive engaged smoothly		1	
	6	Travel speed matched to the ground type and conditions		1	
Working	7	Bucket kept low at all times (except during loading work)		2	
	8	Wheel spin minimised		1	
	9	Full bucket loads maintained (except for cleaning work)		2	
	10	Material cleanly placed into the loading vehicle		2	
	11	Contact with vehicle avoided when loading		2	
	12	Use of steering/braking/hydraulic controls		1	
<b>Not exceeded 8 penalties</b>			Total penalties		
					Achieved / Not achieved

