

Advanced On-Site Assessment

Demolition plant - D92

Skid steer tool carrier

Resources required

Machine	<ul style="list-style-type: none"> • Skid steer loader with: <ul style="list-style-type: none"> - a general purpose bucket - seat belt - an attachment for demolishing (Endorsement B)
Area	<ul style="list-style-type: none"> • Ground, clear of hazards which must include: <ul style="list-style-type: none"> - rough terrain - slope or slopes - stockpile of material of C & D waste for sorting purposes - structure for demolishing (Endorsement B) - straight run for reversing - clean surface at the working area - area for attachment changing activity
Other equipment	<ul style="list-style-type: none"> • receptacle for loading purposes or edge for loading over • A replacement attachment (Endorsement B) • Items to create restrictions for manoeuvring • Method statement applicable to the demolishing process (Endorsement B)
Notes	<ul style="list-style-type: none"> • The machine selected for the test must be in serviceable condition and conform with current legislation • The Operator's manual (including the attachment) and all other related supporting documents such as risk assessments etc. must be with the machine • 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 • The stockpile (for sorting purposes) must be of sufficient quantity to allow at least 20 minutes of operation • The structure must be of sufficient content to allow at least 30 minutes of operation and have internal finishes and components • The nominated area must be safe and supported by an appropriate risk assessment • The receptacle (if being used) must have a minimum height of 2 metres and have a capacity equivalent to 10 full bucket loads of the skid steer being used for the test • The edge (if being used) must have a minimum drop height of at least 1.5 metres with a load over-height of 950mm • There must be sufficient quantity of demolition-type material for all the activities • For endorsement B, the demolishing activity must be undertaken on a structure that requires the machine's attachment to be working above cab height

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Activity instructions

Sequence	<ul style="list-style-type: none"> • Activity 1 must be undertaken at the start of the test. • Activity 2 can be undertaken at any time during the test. • Activities 4, 5 and 7 can be undertaken in any order during the test. • Activity 10 must be undertaken at the end of the test. <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 as detailed in the operator's manual which must be referred to by the candidate during the activity
Travelling & manoeuvring <i>(refer to specifications)</i>	2. In a loaded and unloaded state: <ul style="list-style-type: none"> - travel up and down the slope - stop and start on the slope in the up direction - stop and start on the slope in the down direction - travel over rough terrain - reverse (loaded only) in a straight run for a minimum of 15 metres and pass through a restriction at the end of the run
Setting up for work	3. Prepare and set the skid steer for the relevant work
Working tasks <i>(refer to specifications)</i>	4. Form a stockpile of materials from deposited demolition materials 5. Load sorted materials into the receptacle or 5a. Deposit materials over the edge 6. Tidy up and make safe the working area
Working tasks Demolishing <i>(refer to specifications)</i>	7. Demolish elements of a structure 8. Clean and tidy the work area 9. Change the attachment
Shutting down	10. Park the skid steer and carry out shut-down and securing procedures
Notes	<ul style="list-style-type: none"> • If the machine is hot, any checks that are unable to be carried out (i.e. coolant) may be assessed by the tester using verbal questions • The same attachment may be used for changing purposes but the machine must be repositioned prior to refitting the attachment

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Activity measurements

Travel restrictions	<ul style="list-style-type: none">• 300 mm
Sorting activity	<ul style="list-style-type: none">• To be carried out for a minimum time of 10 minutes
Demolishing activity	<ul style="list-style-type: none">• To be carried out for a minimum time of 15 minutes
Ramp incline	<ul style="list-style-type: none">• Minimum of 18% (1.5.5)
Loading receptacle	<ul style="list-style-type: none">• Minimum of ten full bucket loads
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:
Endorsement: A <input type="checkbox"/> B <input type="checkbox"/>	Start time of test:
Make and model:	Duration:

Mandatory	Correctly carried out during the test?	Y/N
Preparing	1. All pre-start and running checks as per the manufacturers operating handbook (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	
Setting up	8. Straight line kept during reversing activity	
	9. Allocated area checked and clear of hazards prior to extracting and demolishing or controlled as per risk assessment (where applicable)	
	10. Positioned and set for the activity	
Working tasks (attachments)	11. Ensure appropriate edge protection in place and suitable for tasks (where applicable)	
	12. Attachment prepared/positioned/supported prior to removal and fitting	
	13. Hydraulic hoses remove, refitted and checked prior to use (where applicable)	
	14. Attachment removed and fitted following required sequence	
Working tasks (demolishing)	15. Checked attachment was secure prior to use	
	16. Functional check carried out prior to use	
	17. Checked exclusion area for size and security	
	18. Maintained check on effectiveness of exclusion zone during work	
	19. Structure demolished following method statement and given instructions	
	20. Sequence of hydraulic controls	
	21. Smooth use of all controls	
Working tasks (attachments)	22. Maintained stability of the machine	
	23. Working areas safe and secure after work	
	24. Material stockpiled	
	25. Complied with environmental requirements	
	26. Sequence of hydraulic controls	
	27. Smooth use of all controls	
	28. Materials loaded/over edge as per given specification	
	29. Edge protection maintained during work (where applicable)	
Shutdown	30. Working area cleaned after loading	
	31. Working area safe and secure after work	
	32. Skid steer stable during loading	
Other	33. All shutdown and securing procedures	
	34. Legislation, manufacturers' and health and safety requirements complied with	
	35. Test completed within the given time	

All of these items must be awarded Achieved / Not achieved

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Endorsement: A <input type="checkbox"/> B <input type="checkbox"/>	Start time of test:
Make and model:	Duration:

Faults		Candidate incorrectly carried out the following:	Fault	Mark	Penalty
Travelling	1.	Skid steer access and egressing.		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/attachment kept low at all times (except during work).		2	
	8.	Wheel spin minimised.		1	
	9.	Full bucket loads maintained (except for cleaning work).		2	
	10.	Material cleanly placed into the receptacle.		2	
	11.	Contact with receptacle avoided when loading.		2	
	12.	Use of steering/braking/hydraulic controls.		1	
Not exceeded five penalties			Total penalties		
Achieved / Not achieved					