

Technical test - Practical

Soil stabilisers - A71



AN NOCN JOB CARD

Resources required

Machine	<ul style="list-style-type: none"> • Soil stabiliser or spreader that meet the relevant endorsement description
Area	<ul style="list-style-type: none"> • Ground, clear of hazards which must include: <ul style="list-style-type: none"> - rough undulating terrain - level working area for incorporation or spreading activities
Other equipment	<ul style="list-style-type: none"> • Sufficient material able to be spread (Endorsement C) • Means of loading the mix material into the hopper (Endorsement C) • Items to create restrictions for travelling and manoeuvring • Specification for the incorporation or spreading process
Notes	<ul style="list-style-type: none"> • The machine selected for the test must meet be in serviceable condition and conform with current legislation • For Endorsement B, an Agricultural-based Tractor may be used but with the stabilisation unit attached and ready for operation • There must be sufficient area and material to allow incorporation as specified by the activity measurements • The operator's manual must be with the stabiliser or spreader • The specification shall incorporate the depth to be achieved • The width of the drum must be a minimum of 1.5 metres

<p>Sequence</p>	<ul style="list-style-type: none"> • Activity 1 must be undertaken at the start of the test • Activity 2 may be spread over the period of the test • Activity 4 may be combined with activity 5 for self-propelled units • Activity 8 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>
<p>Preparing for work</p>	<ol style="list-style-type: none"> 1. Complete all manufacturers' pre-start and running checks and prepare the stabiliser or spreader for travel as detailed in the operator's manual which must be referred to by the candidate during the activity <ul style="list-style-type: none"> • Additional information to be identified by the candidate referring to the operator's manual. Tester to decide what information will be identified
<p>Travelling & manoeuvring <i>(refer to specifications)</i></p>	<ol style="list-style-type: none"> 2. With the machine: <ul style="list-style-type: none"> • travel over rough terrain • pass through a chicane executing full right-hand and left-hand turns • reverse through a restriction
<p>Setting up for work</p>	<ol style="list-style-type: none"> 3. Prepare the stabiliser or spreader for work
<p>Working tasks <i>(refer to specifications)</i></p>	<ol style="list-style-type: none"> 4. Incorporate materials to the given specification for the specified minimum working area (Endorsements A & B) 5. Spread materials to a given specification (Endorsement C)
<p>Completing work</p>	<ol style="list-style-type: none"> 6. Clear the mixing chamber or spreading box of loose material 7. Complete all manufacturers' post-operational maintenance procedures
<p>Shutting down</p>	<ol style="list-style-type: none"> 8. Park the machine and carry out shut-down and securing procedures
<p>Notes</p>	<ul style="list-style-type: none"> • If the machine is hot, checks unable to be carried out (i.e. coolant) may be assessed by the Tester using verbal questions • The mixing and/or spreading may be combined with productive work with timings accumulated accordingly

Technical test - Practical

Soil stabilisers - A71

Activity measurements



AN NOCN JOB CARD

Travelling restriction	<ul style="list-style-type: none">• 300 mm
Reversing restriction	<ul style="list-style-type: none">• 800 mm
Area to be incorporated or spread	<ul style="list-style-type: none">• 6 overlaps for a minimum of 30 metres per rip/run
Mixing Overlap	<ul style="list-style-type: none">• Maximum of 300mm and not less than 200mm (Spreading = +/- 100mm)
Mixing specification (depth)	<ul style="list-style-type: none">• According to site requirements
Test timings	<ul style="list-style-type: none">• The test must be completed within:<ul style="list-style-type: none">○ Endorsements A and B = 2 hours○ Endorsement C = 1 hour

Technical test - Practical

Soil stabilisers - A71



Basic details

Test ref:	Candidate name:
Tester name:	Candidate ref:
Tester ref:	Date of test:
Endorsement: A <input type="checkbox"/> B <input type="checkbox"/> C <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 (or responses to relevant questions)		
	2. Machine set for travel		
Travelling	3. Restrictions and hazards cleared		
	4. Straight line kept during reversing		
	5. Allocated area checked and clear of hazards prior to work		
Setting up	6. Positioned the stabiliser/spreader for the relevant work		
	7. Machine prepared for stabilising and/or spreading duties		
	8. Working speed matched according to specification		
Working	9. Setting of rotor speed		
	10. Materials incorporated according to specification (Endorsements A and B)		
	11. Depth of incorporation to specification and consistent		
	12. Overlaps within the given specification		
	13. Given area fully incorporated (Endorsements A and B)		
	14. Material spread according to specification (Endorsement C)		
	15. Material evenly spread with full coverage (Endorsement C)		
	16. Sequence of starting and stopping the spreading or mixing unit		
	17. Mixing chamber fully cleared of loose material		
Completing work	18. All post-maintenance procedures		
	19. All shutdown and securing procedures		
Shutdown	20. Legislation, manufacturers' and health and safety requirements complied with		
	21. 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. Machine 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 and during reversing			3	
Working	6. Transmission drive engaged smoothly from rest			1	
	7. Travel speed matches ground type and conditions			2	
	8. Gear ratios match ground speed			1	
	9. Sequence of using hydraulic controls			1	
	10. Smooth use of steering and braking controls			1	
Not exceeded eight penalties			Total penalties		
<input type="checkbox"/> Achieved / Not achieved <input type="checkbox"/>					