

Screeener

A43

Technical Test – Practical

RESOURCES

Required

Machine	<ul style="list-style-type: none"> • Mobile or Static Screeener having at least three discharge points
Area	<ul style="list-style-type: none"> • Ground, clear of hazards able to accommodate the: <ul style="list-style-type: none"> – screeener – loading method – unscreened material – screened material
Other equipment	<ul style="list-style-type: none"> • Sufficient material fit for processing • Method of loading material into the screeener • Assistance for loading • Harness (if required) and other specific PPE
Notes	<ul style="list-style-type: none"> • The machine selected for the test must be not less than 10 tonnes operating weight, in serviceable condition and conform with current legislation • The operator’s manual must be with the screeener • A specification for screened material must be made available to the candidate • The screeener may be used in combination with a crusher allowing a combined test

ACTIVITY

Instructions

Sequence	<ul style="list-style-type: none"> Activity 2 must be undertaken at the start of the test Activity 11 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	<ol style="list-style-type: none"> 1 Certify that the screener is sited appropriately, stable, level and configured for screening duties 2 Complete all manufacturers' pre-start checks
Setting up for work	<ol style="list-style-type: none"> 3 Ensure the material is suitable for screening and set the screener for the given specification 4 Ensure discharge area(s) is(are) suitable for receiving screened material 5 Agree the work process and signals with others involved in the screening process 6 Start the screener and engage all systems
Working tasks (refer to specifications)	<ol style="list-style-type: none"> 7 Screen material into at least three different sizes 8 Operate the screener until a stockpile is produced that is 75% of the discharge conveyer height 9 During the screening process, carry out an emergency stop
Completing work	<ol style="list-style-type: none"> 10 Clear all material from the screener and immediate area
Shutting down	<ol style="list-style-type: none"> 11 Carry out shut-down and securing procedures
Notes	<ul style="list-style-type: none"> If this category is being used in combination with a screener, the work activity is complete only when a stockpile is produced that is 75% of the screener's discharge conveyer height If the machine is hot, checks unable to be carried out (i.e. coolant) may be assessed by the Tester using verbal questions

Activity measurements

Capacity	<ul style="list-style-type: none"> 75% of maximum working capacity (for the relevant material to be screened)
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	Positioned in relevant location	
	2	Checked for stability, security and configured for screening duties	
	3	All pre-start and running checks (or responses to relevant questions)	
	4	Function of emergency stop	
	5	Positioning and security of safety rails and other devices	
Setting up	6	Checked discharge area for hazards prior to screened	
	7	Checked reject screen was clear	
	8	Screeener set to meet given specification	
	9	Communication systems coordinated with others involved in the process	
	10	Screeener started and all systems engaged in required sequence	
	11	Harness donned and attached	
	12	All systems checked for function prior to screening	
Working	13	Engine set to required speed	
	14	Material flow controlled to prevent overloading	
	15	Output of screened material kept above 75% of maximum operating capacity	
	16	Maintained the screen head height	
	17	Effective communication with others used during screening	
	18	Emergency stop during screening	
Completing	19	Used appropriate procedures if blockages occurred	
	20	Candidate stayed in a safe place during work	
	21	No contact of discharge stockpile with the screeener	
Shutdown	22	Screeener cleared of material and disposed of following guidelines / regulations	
Other	23	All shutdown and securing procedures	
	24	Legislation, manufacturers' and health and safety requirements complied with	
	25	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	Screeener mounting and dismounting		1	
	2	Full observation before starting and during screening		2	
Working	3	Unsuitable items removed before and during screening		3	
	4	Sequence of using controls		2	
	5	Smooth use of all controls		2	
Not exceeded 8 penalties			Total penalties		
					Achieved / Not achieved

