

A43 - Screener

No.	Question
1	a) Which part of the screener applies loading or pressure to the ground and b) name ONE way that pressure can be reduced.
2	What is the purpose of the sizing bars on the hopper feed?
3	When is it permitted to enter the screening chamber area?
4	How should the screener be set up to meet the production output specification?
5	Give TWO reasons why the operator should have an understanding of the type of material being loaded for screening.
6	Name FOUR different types or levels of disciplinary actions or sanctions that can be applied (by employers and judicial bodies) to operators of plant who do not comply with, or follow legislation and regulations.
7	Apart from water, name THREE other methods that can be used to minimise dust.
8	What THREE main duties of the Health and Safety at Work Act must employees follow?
9	Name THREE ways that a plant operator can contribute in ensuring repeat business with the client or principal contractor.
10	The operator has to use a new type of screener that they are unfamiliar with. What do Regulations (i.e. PUWER 98) and other guidance require the operator to have?
11	Using the Operator's Manual, state the cold-starting procedure for the machine. Note: The Operator's Manual for the machine being used for the test MUST be available for reference by the candidate.
12	What checks should be made to stockpiled materials at the end of the working day?
13	As far as is reasonably practical, where should screening operations be kept clear of?
14	List TWO items that should be considered if the operator is working alone for long periods.

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15	<p>a) What determines the minimum distances that any part of plant and machinery has to be kept from over head electricity lines and</p> <p>b) explain why a distance should be kept.</p>
16	Name THREE ways in which an operator can minimise their impact upon the environment whilst using the machine.
17	List SIX typical subject areas that should be covered in a site induction.
18	Give THREE possible causes of screen-box overload.
19	What TWO problems can wet weather cause?
20	What FIVE steps should be initially taken should a screener be blocked before remedial work starts?
21	<p>a) What is meant by roll back and</p> <p>b) how can it be prevented?</p>
22	What is the effect on the screening operation if the screen box is raised?
23	Name THREE requirements of the Noise at Work Act 1994 that apply to screener operations.
24	Why are plant operators generally regarded as 'safety-critical' workers?
25	Before leaving the machine for a rest break, after switching off the machine, what final action must be carried out?
26	Where should the screener's Operator's Manual be kept and why?
27	Name FIVE items of specific PPE applicable to screener operations.
28	Why should a screener be re-fuelled at the end of the day?

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29	What are the THREE actions or stages that a screener operator undertakes during pre-use inspections?
30	What is the meaning of this hand signal (being demonstrated by the Tester)?
31	During an unblocking activity, even though the screener may be switched off: a) what else must be done and b) why?
32	What problems and hazards can soft ground cause when travelling a mobile unit across a site?
33	How can a qualification or card benefit a plant operator?
34	Using the Operator's Manual, state the procedure for adjusting conveyor belt tension. Note: The Operator's Manual for the machine being used for the test MUST be available for reference by the candidate.
35	What are the requirements for the standing for loading excavators?
36	Explain SIX requirements to be taken into account when positioning a screener prior to work.
37	During work, the engine starts to overheat. Explain the danger if someone tries to remove the radiator or expansion tank cap.
38	The screener operator has been asked to drive a mobile screener onto a transporter/trailer. a) Who is responsible for the loading operations and b) state FOUR actions to be considered by the operator before loading commences.
39	How does a trommel-type screener segregate material?
40	a) What is the minimum distance allowed near open trenches when travelling with a mobile screener and b) explain why?
41	If a trench has a depth of 2 metres: a) what is the minimum distance to maintain from the edge of the trench when forming stockpiles and b) explain why?
42	If fitted, when using water suppression, where should the water be applied?
43	a) What is the purpose of a Method Statement and b) what is required of the operator?

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44	Give THREE reasons that may cause a mobile screener to tip over sideways during travel.
45	a) Where is the spreader located and b) what is its purpose?
46	Apart from the operator, who else may need to use the machine's Operator's Manual?
47	Name THREE types of conveyor that may be used on a screener.
48	a) When would a harness be used and b) what determines how or what type is used?
49	If setting up to work near a pedestrianised area, state THREE factors that need to be taken into account.
50	What does the Health and Safety at Work Act require employers to do with regards specifically to plant?
51	What is the purpose of a risk assessment?
52	What are the requirements for the ramps that are to be used by loading shovels loading the screener?
53	What is the definition of, or how can a hazard be described?
54	For mobile screeners, when MUST a banksman/signaller be used before moving a screener?
55	If radios are to be used during the screening operations, what FOUR actions and checks must be made by the loading and screener operators before use?
56	Give TWO examples of where The Work at Height Regulations may apply to screener operations.
57	If the operator has to top-up the hydraulic oil, state TWO precautions to ensure cleanliness of the system.
58	If parking a mobile unit away from the working area, name THREE places where the machine should NOT be parked.
59	Name the FOUR key causes of accidents that could occur during screening operations.
60	What are the possible outcomes of facing prosecution for not complying with legislation and regulations?
61	Why should discharge stockpiles not be allowed to reach conveyor height?
62	If checking the oil level using a dipstick, why must gloves be worn?