

Technical Test Theory

Slinger/Signaller - Pick and Carry A95 (A40)



No.	Question
1	What is regarded as the danger or hazard zone during a lifting operation?
2	What needs to be inspected on a quick-hitch coupler of an excavator if attaching lifting accessories for the lifting of slung loads?
3	Suspended loads with a large surface area need additional care for what reason?
4	Travelling with extra-long loads can be more hazardous for what reason?
5	When a suspended load is being travelled, in what position should the load be situated?
6	Name FIVE proximity hazards which could affect a lifting operation.
7	When working with non-hoist rope lifting equipment e.g. excavator, forklift etc. just before going to attach or disconnect a load, a) what action should the slinger/signaller undertake, b) what action should the machine operator undertake and c) explain why?
8	Before guiding and assisting the movement of mobile lifting equipment that is being repositioned to carry out a new lifting operation a) what should the marshaller/signaller ensure and b) with whom?
9	State the possible effect on an item of lifting equipment if it is positioned on a slope and lifts a load?
10	a) What is the purpose of a Method Statement, lift plan and b) what is required of the slinger/signaller?
11	What TWO things should be considered when selecting a place of refuge or safety within a designated plant manoeuvring area?
12	Prior to undertaking signalling duties for pick-and-carry duties, describe FOUR actions to be made by the slinger/signaller to ensure their own safety?

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No.	Question
13	When undertaking a pick-and-carry duty, explain why turning, even gently, with a suspended load can cause an effect on the machine.
14	During the lifting operation, part of the task cannot be carried out as detailed in the lift plan. a) What initially must happen to the lifting operation and b) who authorises any changes?
15	When can barriers/signs marking a lifting operations working area be removed?
16	If a load is being travelled or slewed, what TWO possible factors should the slinger take into account?
17	List SIX factors that must be taken into account by both the machine operator and slinger/signaller if a suspended load is to be travelled across a site.
18	If guiding an item of lifting equipment undertaking pick-and-carry duties near an open trench which has a depth of 2 metres, what is the minimum distance to maintain?
19	What should the slinger confirm with the lifting equipment operator regarding the audible alarm (if fitted) when setting up to carry out a lift ?
20	What TWO checks need to be made before a load is to be lowered into a trench or excavation?
21	Name the FOUR stages of the hierarchy of control for vehicle/plant manoeuvring operations
22	Before being guided by a signaller for a pick and carry duty, what instruction should be given to the machine operator by the signaller if they lose sight of each other?
23	Explain THREE factors that could affect the integrity of a lifting operations exclusion zone and safe movements within the zone.
24	a) What determines the minimum distances that any part of plant and machinery has to be kept from overhead electricity lines and b) explain why a distance should be kept?

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No.	Question
25	If attaching accessories to a quick-hitch coupler of a machine such as an excavator, give TWO reasons why should the coupler should be tilted in the downwards position (ram extended).