

Technical Test Theory

Mobile Elevating Work Platform - Scissor A25



No.	Question
1	What is the purpose any of counterweights of the machine?
2	When parking the machine at the end of the shift, name THREE places where the MEWP should NOT be parked.
3	a) What determines the minimum distances that any part of plant and machinery has to be kept from over head electricity lines and b) explain why a distance should be kept.
4	The operator has to use a new type of MEWP that they are unfamiliar with. What do Regulations (i.e. PUWER 98) and other guidance require the operator to have?
5	Using the Operator's Manual, state any cold-starting procedures for the machine. For electric units only, state the battery function checks that need to be made. Note: The Operator's Manual for the machine being used for the test MUST be available for reference by the candidate.
6	The Safe Working Load (SWL) signifies what?
7	When working in a confined area or space with a diesel-powered machine, name THREE dangers that can be present?
8	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.
9	When checking a (fall protection) harness, name FIVE possible defects that may be found.
10	Where should the Operator's Manual be kept and why?
11	How do stabilisers increase the potential stability of a MEWP scissor?
12	a) Why must all travel and platform controls be clearly marked as to function and direction or mode and b) what consequences could occur if controls were not clearly marked?

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13	When siting the MEWP for work, what checks must be made to the ground type?
14	What THREE main duties of the Health and Safety at Work Act must employees follow?
15	What must you take into account when calculating the safe working load of the platform of a MEWP?
16	What is the difference between: a) a work-restraint system and b) a fall arrest system?
17	a) What is the purpose of a Method Statement and b) what is required of the operator?
18	What is meant by a bi-fuel MEWP?
19	Why are those who operate MEWPS generally regarded as 'safety-critical' workers?
20	What are the THREE actions that a MEWP operator undertakes during pre-use inspections?
21	As a platform is raised higher, what also rises that can cause instability?
22	What would happen if the steering axle is to the rear of the direction for travel?
23	Give FOUR reasons that may cause the MEWP to tip over.
24	As a machine for the lifting of persons, the MEWP must be thoroughly examined. a) What is the purpose of the examination and b) who should carry out the examination?

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25	If a self-propelled scissor is being travelled or working on the public highway, including adjacent pavement and verges, the Road Traffic Act applies. a) What type of licence and which classes should the operator hold and b) what is the minimum age allowed?
26	Name THREE ways that a hired-in MEWP operator can contribute in ensuring repeat business with the client or principal contractor.
27	a) What is meant by the working height of the MEWP and b) who determines it?
28	The operator has been asked to drive a self-propelled MEWP 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.
29	If setting up to work near a steep slope, apart from ground support: a) what could be a danger and b) what actions should be taken?
30	If the wearing of a safety harness or belt is required: a) where must it be attached to and b) where should the harness not be attached to?
31	If travelling near an open trench which has a depth of 2 metres, what is the minimum distance to maintain?
32	What are the possible outcomes of facing prosecution for not complying with legislation and regulations?
33	What does the Health and Safety at Work Act require employers to do with regards specifically to plant?

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34	Before climbing or descending a slope, what FOUR checks should be made?
35	What is the purpose of a risk assessment?
36	If raising the platform up to a ceiling of a structure, why must extra care be taken when nearing the ceiling?
37	Before leaving the platform for a rest break, after parking and switching off the machine, what final action must be carried out?
38	When checking fluid levels, why must gloves be worn?
39	If setting up to lift in a pedestrianised area, state TWO factors that need to be taken into account.
40	If setting up to work near a bank, what is the recommended distance between the stabilisers or wheels and the top of the bank?
41	When setting up for work, what should be in place should machine failure happen?
42	Apart from the operator, who else may need to use the machine's Operator's Manual?
43	Give TWO reasons why it is important that a MEWP is not leaning sideways before attempting to raise the platform.
44	Before taking passengers up in a MEWP, what should be ensured about the individual or individuals?
45	If a scissor is equipped with extending decks, what does this allow?

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46	Name TWO factors that determine the weight of a load.
47	List SIX typical subject areas that should be covered in a site induction.
48	Why should a diesel MEWP be re-fuelled at the end of the day?
49	On IC engines, during work, the engine starts to overheat. Explain the danger if someone tries to remove the radiator or expansion tank cap.
50	Name FOUR ways that wet weather affects MEWP operations.
51	What is the meaning of this hand signal (being demonstrated by the Tester)?
52	When can a MEWP work (i.e. raise the platform) on sloping ground?
53	If using a MEWP in an area where there are moving vehicles, state THREE precautions to be taken.
54	How can high wind speeds affect MEWP operations?
55	State the purpose of the check valve(s) located on the scissor cylinder ram (or rams).
56	What determines whether a (fall-protection) harness can be worn when operating a MEWP scissor and the type?
57	How can a qualification or card benefit a plant operator?

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58	Using the Operator's Manual, state the figure for the tyre pressures or battery checks procedure. Note: The Operator's Manual for the machine being used for the test MUST be available for reference by the candidate.
59	What is the definition of, or how can a hazard be described?
60	When or why would foam-filled tyres be specified for platform operations?
61	Name THREE ways in which an operator can minimise their impact upon the environment whilst using the machine.
62	Apart from ground conditions, list FIVE checks that must be taken into account when siting the MEWP.
63	When raising the platform or travelling with a raised platform, what ongoing checks need to be made?