

Technical Test Theory

Piling Rig Attendant A74



No.	Question
1	List THREE hazards that could be encountered when travelling or manoeuvring a rig.
2	What does The Health and Safety at Work Act require employers to do with regards specifically to plant?
3	When assisting in loading/unloading piles/cages from a transporter, what checks should be made before securing gear is released?
4	Name FOUR situations that can cause a piling rig to overturn.
5	How is information about changes made to the method statement or new hazards found during operations communicated to the team?
6	If fitted with an auxiliary winch, name THREE things must be known before a lifting operation to take place?
7	Name TWO ways in which an operator can minimise their impact upon the environment whilst carrying out their function.
8	List TWO methods that could be used to communicate effectively with the rig operator during the piling process?
9	a) What can cause a loss of direct vision with the rig operator and b) what must happen if vision is lost between operator and attendant?
10	What action should the rig attendant take if the Working Platform is damaged during work?
11	If banking other vehicles in and from the working area, list FIVE things to be taken into account.
12	What is the purpose of a risk assessment?

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13	During the piling operation, what authority does the attendant have on an unauthorised persons or machine entering the zone?
14	a) State the purpose of the piling platform certificate and b) when is it required?
15	Give THREE examples of tasks where the operative is working at height, and describe safe ways of accessing each stated task.
16	What should be ensured before the rig is manoeuvred across a site?
17	During the piling operation, and error or inconsistency is noted in the pile schedule/layout, What is the first course of action to be taken?
18	Why should the rig be kept on designated travel routes when travelling to the working area?
19	If marshalling a vehicle in an area having limited light or during hours of darkness/dusk, what would be the first main consideration?
20	If the attendant is undertaking a new process they are unfamiliar with, what should they require before work starts?
21	Before guiding a rig into position, where should the attendant be positioned?
22	Those working directly with piling rigs are generally regarded as 'safety-critical' workers. What does this mean?
23	If a rig attendant is required to work at height what is the first thing to be taken into account?
24	Give THREE examples of providing support to the piling operation.

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25	a) What is the purpose of a Method Statement and b) what is required of the attendant?
26	If the rig attendant needs to communicate face-to-face with the rig operator, what precautions should be taken?
27	When carrying out shut down activities what actions need to be taken a) driven types and b) bored types?
28	If the rig suffers a hose burst or leaked oil from a component, what action must be taken?
29	Explain the need for maintaining an exclusion zone.
30	List SIX typical subject areas that should be covered in a site induction.
31	If the rig is working in a confined area, what action should be taken with regards to the rear of the rig and any nearby obstruction?
32	When using radio communication between a marshaller and driver/operator, apart from a common language, what THREE things should be considered when sending messages?
33	The operator has been asked to drive the machine 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.
34	Describe how the rotary auger of a bored rig is cleaned?
35	Name FOUR different types or levels of sanctions that can be applied to rig attendants who do not comply with, or follow legislation and regulations.
36	What on-going checks should the attendant make to the rig made during the construction of the pile?

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37	How would the attendant ensure that the auger or pile has been pitched within tolerance at the pile location?
38	How can a qualification or card benefit a piling operative?
39	What must be carried out before lifting accessories are used?
40	a) Explain what first course of action that must be taken if sight with the rig operator is lost whilst guiding the rig and b) what subsequent action should be taken?
41	What factors need to be taken into account when an exclusion zone is devised around the rig during the piling process?
42	What action should be taken if any of the ancillary equipment .e.g. augers etc. was found to be faulty?
43	If piling has to take place in contaminated ground, list THREE precautions or actions that need to be taken?
44	List THREE things that need to be recorded on completion of a pile.
45	What THREE main duties of The Health and Safety at Work Act must employees follow?
46	What TWO actions would you take if you spot a hazard that you think the rig operator has ignored?
47	Explain what precautions the operator of the rig should be taken if a rig has to travel up or down a slope.
48	What type of pile would be best suitable for contaminated ground?

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49	If a rig attendant is allocated to a another operator, what need to be taken into account/be discussed before work starts?
50	At the end of the working day, where should tools and equipment used by the attendant be stored?
51	If guiding the rig past an open trench, what minimum distance should be maintained from the edge of the trench?
52	When the rig is to work near power lines, a) what needs to be taken in to account, and b) why?
53	Name THREE ways that anyone involved with the piling operation can contribute in ensuring repeat business with the client or main contractor.
54	What are the possible outcomes if being prosecuted for not complying with legislation and regulations?
55	During an inspection of lifting accessories, a defect is found. What THREE actions must be taken?
56	When assisting a plant operator to position and configure the item of plant, what should the marshaller take into account?
57	What is the definition of, or how can a hazard be described?
58	Where should the Operator's Manual be kept and why would an attendant need to refer to it?
59	Why is it important that all piles are logged and recorded on the daily reports, drawings etc.?
60	Explain where a rig attendant would get information about pile diameters and depths so that the rig can be set up for the specific task?