

Technical Test Theory

Demolition Plant – Skid Steer Tool Carrier - D92



AN NOCN JOB CARD

No.	Question
1	Using the Operator's Manual, state the figure for the torque setting for the wheel securing nuts/bolts.
2	On non self-levelling buckets, what problem can occur if a fully loaded bucket is raised to full height?
3	Name THREE conditions that mirrors on the machine must be in.
4	a) How does silica dust harm the body b) What symptoms can result from exposure?
5	Give TWO reasons why the skid steer operator should have an understanding of the type of material being loaded.
6	What are the possible outcomes if being prosecuted (by judicial bodies) for not complying with legislation and regulations?
7	On pneumatic tyre-equipped machines, what is a possible consequence of using a tyre with a deep cut in the sidewall?
8	Name THREE ways in which an operator can minimise their impact upon the environment whilst using the machine.
9	What additional requirements should be employed at height or on multi-floor buildings to prevent the machine from moving if working near to an edge?
10	a) Name TWO methods of controlling dust during demolition and b) what precaution needs to be taken?
11	a) What must be undertaken as the first step when disconnecting a hydraulic line, and b) where can the specific information be found?
12	What is the definition of, or how can a hazard be described?

Technical Test Theory

Demolition Plant – Skid Steer Tool Carrier - D92



AN NOCN JOB CARD

No.	Question
13	Before leaving the cab for a rest break, after parking and switching off the machine, what final action must be carried out?
14	Name at least FIVE dangers that could be encountered in a structure being demolishing.
15	What is the purpose of a risk assessment?
16	If checking the oil level using a dipstick, why must gloves be worn?
17	Name FOUR different types or levels of sanctions that can be applied (by employers and judicial bodies) to plant operators who do not comply with, or follow legislation and regulations.
18	What is the difference between a ROPS and FOPS structure?
19	The operator has to fit and use a new attachment using a quick-hitch coupler that they are unfamiliar with. What do Regulations (i.e. PUWER 98) and other guidance require the operator to have?
20	In demolition operations how is silica dust created or formed?
21	During work, the engine starts to overheat. Explain the danger if someone tries to remove the radiator or expansion tank cap.
22	What does The Health and Safety at Work Act require employers to do with regards specifically to plant?
23	Describe ONE physical method of checking that the attachment is fully secured to the coupler prior to work.
24	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.

Technical Test Theory

Demolition Plant – Skid Steer Tool Carrier - D92



AN NOCN JOB CARD

No.	Question
25	The operator is asked to work on a new project. State FIVE different requirements that must be considered or implemented before work commences.
26	How are skid steer bucket sizes calculated?
27	Why should demolition arising's be regularly removed during work?
28	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?
29	How can a qualification or card benefit a plant operator?
30	Describe briefly how a (wheeled) skid steer 'steers' or changes direction.
31	When removing and handling asbestos cement sheets, what is the minimum PPE and RPE that should be worn?
32	When travelling on wet dust, what effect does this have on the skid steer?
33	Why should a skid steer not be travelled if there is no attachment/bucket fitted to the loader arms?
34	Name THREE attachments that are available for a skid steer used within the demolition sector.
35	If access or egress to/from the cab has to be via the front of the machine, state two precautions to be observed before exiting the machine.
36	If the structure being demolished is a multi-floor structure, name two precautions to be taken to ensure the integrity of the floor slab.

Technical Test Theory

Demolition Plant – Skid Steer Tool Carrier - D92



AN NOCN JOB CARD

No.	Question
37	a) How many types of asbestos may be commonly found in the work place? b) Name the colours.
38	What is regarded as the most productive position for the receptacle to be in when being loaded by a skid steer working from a stockpile?
39	If setting up to work near to a pedestrianised area, state THREE factors that need to be taken into account.
40	What problems and hazards can soft ground cause to a loaded skid steer?
41	Where should the Operator's Manual be kept and why?
42	On a semi-automatic quick-hitch attaching system: a) What is the purpose of the safety pin b) What checks MUST be made to the pin before use?
43	Name FOUR load-bearing structural elements.
44	How can a skid steer turn around within its own area?
45	If previously undetected asbestos is exposed when taking down a section of a building, what sequence of actions must be taken?
46	Apart from the operator, who else may need to use the machine's Operator's Manual?
47	The operator is asked to tip material into a chute or drop shaft. State FIVE different requirements that must be considered or implemented before tipping commences.
48	Explain ALL visual checks that must be carried out on all types of quick-hitch bucket attaching systems before use.

Technical Test Theory

Demolition Plant – Skid Steer Tool Carrier - D92



No.	Question
49	What actions should be taken to a partially demolished structure at the end of a working day?
50	When parking the machine at the end of the shift, name THREE places where the machine should NOT be parked.
51	There are five areas within a demolition site. Name THREE of those areas.
52	Why should a skid steer be re-fuelled at the end of the day?
53	When working in a confined area or space, name THREE hazards that can occur.
54	Why must the seat belt be worn, even within the confines of the cab?
55	Name THREE ways that a demolition plant operator can contribute in ensuring repeat business with the client or main contractor.
56	When working the machine at height, describe FOUR considerations that must be taken into account when setting up for work.
57	Before starting work on a new project, how should the operator familiarise themselves with the work zone?
58	List SIX typical subject areas that should be covered in a site induction.
59	Chrysotile or white asbestos is known to be 'hydrophilic' or easily mixed with water. Therefore, what is the best control measure against fibres spreading during demolition operations?
60	a) What is the minimum distance allowed near open trenches when travelling with a loaded skid steer and b) explain why?

Technical Test Theory

Demolition Plant – Skid Steer Tool Carrier - D92



AN NOCN JOB CARD

No.	Question
61	If the operator has to top-up the hydraulic oil, state TWO precautions to ensure cleanliness of the system.
62	State TWO requirements of using a stop block or earth bank (berm) at a trench discharging point.
63	How or what counterweights the machine from the effects of a loaded bucket?
64	Give FOUR reasons that may cause the skid steer to tip over sideways.
65	What THREE main duties of The Health and Safety at Work Act must employees follow?
66	What are the requirements for creating a raised working platform?
67	If the operator has loaded the machine onto a transporter/trailer on behalf of a driver, what checks must be carried out before they leave the cab?
68	Demolition plant operators are generally regarded as 'safety-critical' workers. What does this mean?
69	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.
70	When working in a confined area or space: a) what danger can be present with regards to the rear of the machine, b) what is the recommended minimum distance and c) what measures must be implemented if the gap is less?
71	Describe how exposure to asbestos fibres can cause health issues.

Technical Test Theory

Demolition Plant – Skid Steer Tool Carrier - D92



No.	Question
72	a) What is the purpose of a Method Statement and b) what is required of the operator?
73	a) Name THREE purposes of the raised lugs on tyres and b) what can happen to a skid steer if the lugs are severely worn?
74	Why should different materials be segregated during demolishing?
75	If setting up to demolish in a confined area, name THREE things that should be taken into account before starting.
76	When constructing a ramp, name THREE considerations to take into account.
77	Before manually changing any bucket: a) Where should the bucket be positioned (in relation to the ground) before unlatching and b) explain why?
78	What may happen if the load is tipped downhill on a slope and why?