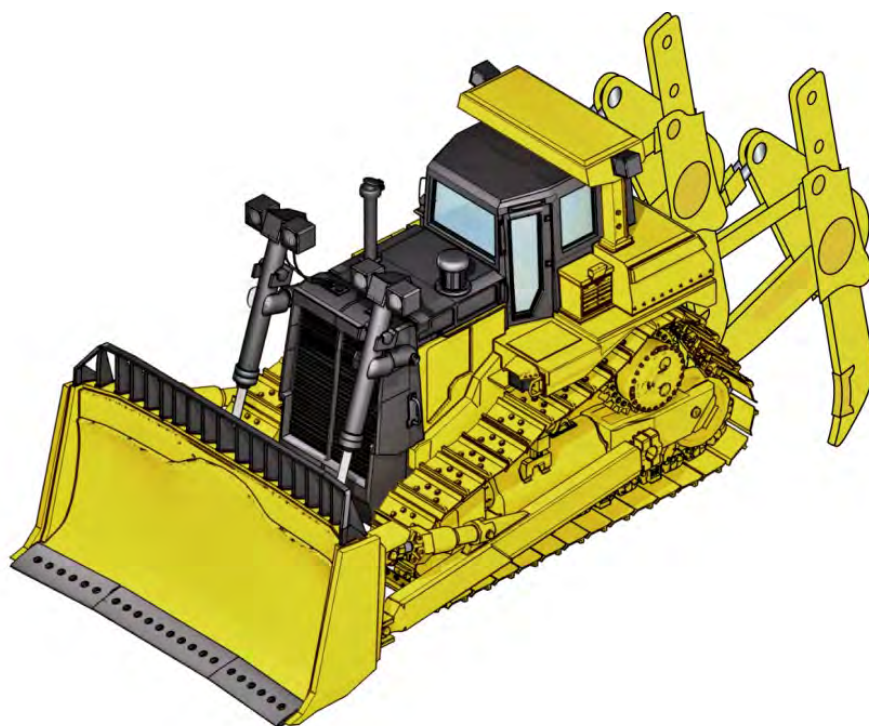


Dozer

Learner Workbook

Student copy

(Formative assessment)



RIIMPO323E Conduct civil construction dozer operations

This resource was developed by:



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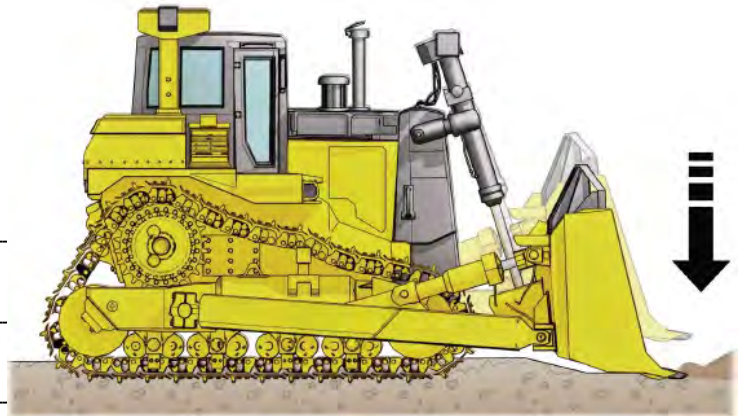
 Check that each item of dozer is operational. Use Pre-Inspection Check list.53

Basic steps on how you strip top soil.....54

Add an Attachment onto a Dozer.....57

Basic Steps on how to load a dozer onto a float or transport vehicle.59

What do you do with hydraulic attachments before shutting down the dozer?



Question 34

How do you shut down the dozer?



Question 35

What problems do you check the hydraulic system for?



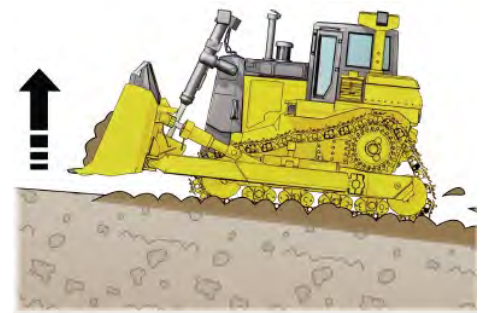
Question 36

What must you do if you find any fault with the dozer?



Question 49

You are dozing soft or muddy dirt and the tracks start to spin. What can you do to get more grip?



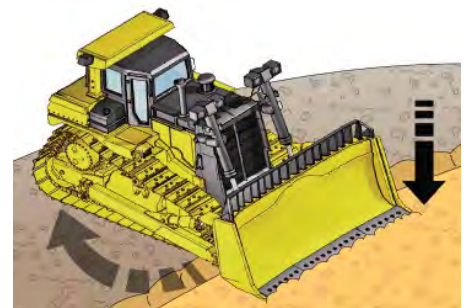
Question 50

Your dozer has a side boom (pipe layer) attached. How do you find out the safe working load (SWL)?



Question 51

How do you stop the dozer from drifting sideways on a sloping surface?



Question 52

How do you use the dozer as a crane to lay pipes?



Question 53

Which is harder to excavate, top soil or clay? Why?



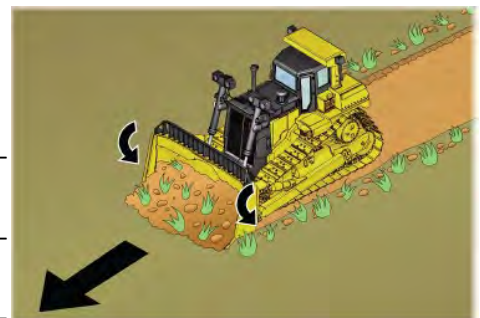
Question 54

How do you safely clear trees?



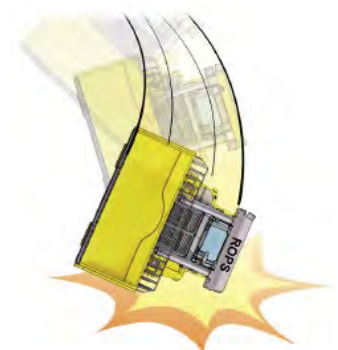
Question 55

How do you cut and fill to level out soil?



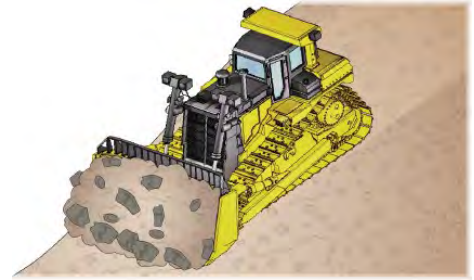
Question 56

Which safety devices on a dozer protect you from being crushed if it rolls over?



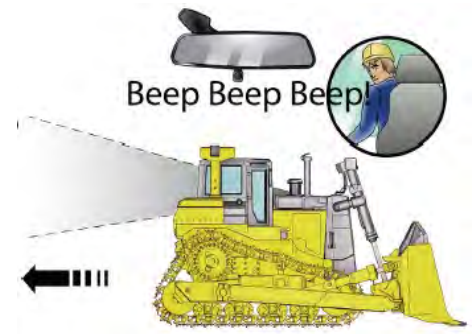
Question 57

You will move a load downhill. Is it easier to move a full blade or half blade load?



Question 58

How do you safely reverse the dozer?



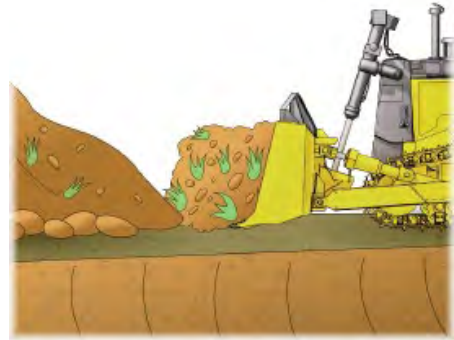
Question 59

How do you excavate and stockpile soil?



Question 60

How do you construct earthworks, for example, a drain?



Question 61

What are two (2) methods you can use to strip topsoil?



Question 62

How do you safely fill out a stockpile?



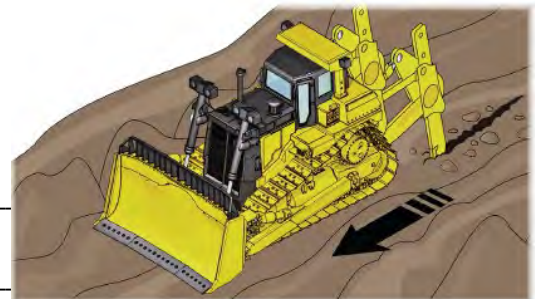
Question 63

How do you strip topsoil? Explain the steps.



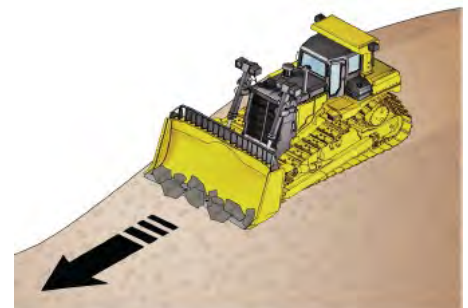
Question 64

You are going to rip rocks. Do you rip against the grain or in the direction of the grain?



Question 65

You are dozing on a slope. Which way should you travel?



Practical Assessment – Check List

The skills and knowledge required to operate a dozer to load, distribute and place materials, work must be performed on at least two occasions and carrying out the actual practical task must be filmed and noted of where the video file is stored.

Note See appendix for guidelines on what to look out for when candidate is performing practical tasks. Use the Appendix topic steps as basic benchmark guides.

Practical Assessment 1 – Pre-Start



Observation performed when performing Practical Task 1 from work order provided (Job 1, Job 2)	Yes	No	N/A	Job 1	Job 2
Candidate:					
Located and apply relevant documentation, policies and procedures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<ul style="list-style-type: none"> Locates operator’s manual for dozer and finds requirements for pre-start and start-up checks. 				<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> Locates site policies and procedures for personal protective equipment requirements when operating dozer. 				<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> Candidate displays preparedness for emergency situations by outlining the steps to be taken in the case of a fire or accident. 				<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> Interrupt work order or requirements before performing work task. 				<input type="checkbox"/>	<input type="checkbox"/>
Selected and wear personal protective equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<ul style="list-style-type: none"> PPE selected must be as per site policies and relevant to the task. As a minimum MUST include appropriate footwear, Hi-visibility workwear and hard hat. 				<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> PPE must be checked for serviceability and correctly fitted. 				<input type="checkbox"/>	<input type="checkbox"/>
Conducted pre-start inspection of dozer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<ul style="list-style-type: none"> Pre-start check is carried out as per operators manual and workplace policies and procedures. Where possible a completed pre-start checklist should be provided as supporting evidence. 				<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> During inspection the candidate must identify and/or verbalise any common faults they are looking for. 				<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> Faults and/or damage found during inspection must be managed as per workplace policies and procedures. This should include, tagging out faulty equipment, isolating faulty equipment, reporting to the appropriate person and recording in a logbook. If no faults or damage are found the candidate must verbalise the procedure for the worksite to the assessor. 				<input type="checkbox"/>	<input type="checkbox"/>
Carried out vehicle refuelling requirements and procedures where applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<ul style="list-style-type: none"> Candidate must refuel the dozer when necessary. The candidate must refer to workplace policies and procedures for refuelling. 				<input type="checkbox"/>	<input type="checkbox"/>