



## EXERCISES

### TIMBER CRANE TRUCK

EXERCISE	PURPOSE	DESCRIPTION	FEATURES
<b>INTRODUCTION FOR THE TIMBER CRANE TRUCK</b>			
1.3 Steps before driving	Objective of the exercise is to learn the routines for carrying out daily checks.	The exercise involves walking around the timber crane lorry, inspecting the detected faults or wear, and repairing these. The exercise is also supposed to, by means of repetition, demonstrate the importance of following fixed routines or a checklist before each run. During the exercise 5-10 faults are generated at random points on the truck. These can be anything from faults affecting tyres, wheel rims and nuts to cracks in the crane or a low oil level. The student can perform an action on the same part of the lorry several times without this being logged, i.e. the student/trainee will not be marked down for being extra vigilant.	
1.4 Maintenance actions	The aim of the exercise is to learn maintenance work procedures.	The purpose of the exercise is to carry out maintenance work on the crane and the vehicle. All parts of the vehicle requiring regular maintenance should be located and maintained. In this exercise, the apprentice will lubricate all moving parts of the crane, as well as apply grease on the under side of the extension. Also, the air brake's tanks must be drained. In total, there are 8 parts of the machine that need attending to.	
1.5 The functions of the control column	The aim of the exercise is to become familiar with the basic controls of the crane.		
1.6 Control repetition	The purpose of this exercise is to learn the controls through repetition.		



### CRANE MANEUVERING

2.1 Handling a log	The purpose of the exercise is to practice maneuvering the crane with a log in the gripper.		
2.2 Gripping and moving logs	The purpose of this exercise is to learn how to grip and move logs.		
2.3 Multiple crane functions	The purpose of this exercise is to practice using multiple crane functions simultaneously.		



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EXERCISE	PURPOSE	DESCRIPTION	FEATURES
<b>FUNCTIONALITY</b>			
3.1 Startup, outriggers and weighing	The purpose of this exercise is to learn how to setup the truck before loading and how to work with the scale.		
3.2 Loading and securing	The purpose of this exercise is to learn how to load a whole section of the truck and how to secure the logs for transport.		
<b>FIELD EXERCISES</b>			
4.1 Transport the timber	The purpose of the exercise is to repeat all steps from previous exercises.		
4.2 Move the vehicle and transport the timber	The purpose of the exercise is to repeat all steps from previous exercises. In this exercise you will drive with the trailer.	Drive up to the two loading sites, load and drive away from the sites.	
4.3 Extensive loading exercise	Use this exercise for continuous training. The student is tasked with driving up to and loading from three different sites. All logs should be secured and weighed before leaving the area.	The purpose of this exercise is to use all your skills and functions that have been used so far in the simulator.	

