



EXERCISES FORKLIFT

EXERCISE	PURPOSE	DESCRIPTION	FEATURES
THEORY IN PRACTICE			
1.1 Parts of the balanced truck	The purpose of the exercise is to learn what the parts of the forklift are and where they are located. The student will also learn about their functions.	This is an interactive point-and-click exercise. The student is presented with the name of a part and should then find that part on the forklift.	
1.2 Controls	The purpose of this exercise is to learn the Forklift controls and routines for starting up and stopping.	The exercise guides the student through all functions and controls of the forklift.	
1.3 Daily safety check	The purpose of this exercise is to practice making daily safety checks and doing operations tests.	This is a point-and-click exercise in combination with a driving exercise. The student starts by doing the daily check-up of the forklift and then moves on to do an operations test.	
1.4 Center of mass and tipping limits	The purpose of this exercise is to learn how the center of gravity and tipping points works on a truck.	The exercise informs and shows the student how the center of gravity behaves on the forklift through animations and interaction.	
DRIVING EXERCISES			
2.1 Basic driving	The purpose of this exercise is to practice basic driving forward and in reverse.	The student drives a simple obstacle course forwards and in reverse to get a feeling for how the rear-wheel steering works.	*** TSS
2.2 Driving with a load	The purpose of this exercise is to practice basic driving with cargo.	The student drives a simple obstacle course with cargo, forwards and then in reverse.	*** TSS
2.3 Sharp turns	The purpose of this exercise is to practice making sharp turns in narrow spaces.	The student drives a narrow obstacle course to practice handling the forklifts low turning radius. Visual aids are in place to help the student.	*** TSS
2.4 Basic goods handling	The purpose of this exercise is to learn the basics of lifting and transporting cargo.	The student is guided through lifting and setting down pallets, stacking and how to do "re-takes".	*** TSS
2.5 Handling cargo	The purpose here is to practice lifting and transporting pallets without guides.	The exercise involves lifting and transporting pallets with rising difficulty.	*** TSS
2.6 Stacking	The purpose of the exercise is to practice stacking cargo.	The exercise involves transporting and stacking a large number of pallets within a limited space.	*** TSS
2.7 Irregular and wide loads	The purpose of this exercise is to practice working with wide loads and how to handle cargo with irregular center of gravity.	First this exercise will guide the student on how to handle loads with offset centers of gravity. Then the student gets to practice driving with a wide load.	*** TSS
2.8 Load a truck	The purpose of this exercise is to practice working under more realistic circumstances.	The student is supplied with a list of goods to be loaded and can start preparing the work. A truck will arrive after a certain time to a random loading dock.	*** TSS
2.9 Unload a truck	The purpose here is to practice working under more realistic circumstances.	A truck is arriving at a loading dock and needs to be unloaded. The student is tasked to move all the cargo to its respective shelf in the warehouse.	*** TSS



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MULTI USER EXERCISES			
4.1 Unload trucks (cooperation)	The purpose of this exercise is to practice working under more realistic circumstances with other drivers.	Trucks are arriving at loading docks and needs to be unloaded. The students needs to work together to unload as efficiently as possible.	
4.2 Load trucks (cooperation)	The purpose of this exercise is to practice working under more realistic circumstances with other drivers.	The students are supplied with a list of goods to be loaded on different trucks arriving at the loading docks. The students needs to work together to load as efficiently as possible.	
4.4 Full work exercise (cooperation)	The purpose of this exercise is to supply continuous training in an ever changing environment.	This exercises does not have an end and can be used by students to join or leave as they see fit. Trucks come and go to the warehouse and needs to be loaded/unloaded according to the lists supplied to the students.	
6.1 Move pallets (cooperation)	The purpose of this exercise is to practice working and communicating with other drivers.	The exercise involves moving pallets between shelves with the help of other drivers.	



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