



# INTRATRAN<sup>®</sup> SAFETY:

## FORKLIFT

### **Forklift Operator**

**Requirement**

- 29 CFR 1910.178 Lift truck related topics.

**References:**

**Description/**

**Goal:** Learners will demonstrate awareness of safe forklift operation principles by identifying basic key features on the lift, recognizing the technical components of forklift operation, listing safe load handling and driving practices, stating general safety rules, and inspecting and maintaining lift equipment.

**Objectives:**

1. Identify forklift types and differences.
2. Identify basic key features of the forklift.
3. Identify essential controls found on the forklift.
4. Identify safety features of the forklift.

### **Stability and Capacity**

**Requirement**

- 29 CFR 1910.178 Lift truck related topics.

**References:**

**Description/**

**Goal:** Learners will demonstrate awareness of safe forklift operation principles by identifying basic key features on the lift, recognizing the technical components of forklift operation, listing safe load handling and driving practices, stating general safety rules, and inspecting and maintaining lift equipment.

**Objectives:**

- Recognize how the forklift functions as a lever system to lift its load.
- Identify the definition and location for the center of gravity for the unloaded lift.
- Identify the definition and location of the "stability triangle" on the forklift.
- Identify the definition and location of a forklift's combined center of gravity, how it changes with the position of the load, and how it determines the stability of the forklift.
- Identify weight restrictions and load limits



## ***Load Handling***

<b>Requirement</b>	<ul style="list-style-type: none"><li>• 29 CFR 1910.178 Lift truck related topics.</li></ul>
<b>References:</b>	
<b>Description/ Goal:</b>	Learners will demonstrate awareness of safe forklift operation principles by identifying basic key features on the lift, recognizing the technical components of forklift operation, listing safe load handling and driving practices, stating general safety rules, and inspecting and maintaining lift equipment.
<b>Objectives:</b>	<ul style="list-style-type: none"><li>• List the necessary requirements before picking up a load.</li><li>• List the correct steps and practices in picking up a load.</li><li>• Identify the correct height to travel with a load.</li><li>• State the correct method to negotiate grades or ramps with both a loaded and unloaded forklift.</li><li>• List the correct steps and practices in setting down a load.</li><li>• List the correct steps and procedures when working with stacks.</li></ul>

## ***Safe Driving Practices***

<b>Requirement</b>	<ul style="list-style-type: none"><li>• 29 CFR 1910.178 Lift truck related topics.</li></ul>
<b>References:</b>	
<b>Description/ Goal:</b>	Learners will demonstrate awareness of safe forklift operation principles by identifying basic key features on the lift, recognizing the technical components of forklift operation, listing safe load handling and driving practices, stating general safety rules, and inspecting and maintaining lift equipment.
<b>Objectives:</b>	<ul style="list-style-type: none"><li>• List the differences between a forklift and an automobile.</li><li>• Recognize conditions that could be hazardous for forklift operation.</li><li>• Identify safe practices for working around pedestrians.</li><li>• Identify safe practices for working around docks.</li></ul>

## ***Safety Standards***

<b>Requirement</b>	<ul style="list-style-type: none"><li>• 29 CFR 1910.178 Lift truck related topics.</li></ul>
<b>References:</b>	
<b>Description/ Goal:</b>	Learners will demonstrate awareness of safe forklift operation principles by identifying basic key features on the lift, recognizing the technical components of forklift operation, listing safe load handling and driving practices, stating general safety rules, and inspecting and maintaining lift equipment.
<b>Objectives:</b>	<ul style="list-style-type: none"><li>• State the proper way to leave a forklift.</li><li>• Recognize general rules for safe operation.</li><li>• Identify the correct response to a tip-over accident.</li></ul>

## ***Inspection and Maintenance***

<b>Requirement</b>	<ul style="list-style-type: none"><li>• 29 CFR 1910.178 Lift truck related topics.</li></ul>
<b>References:</b>	
<b>Description/ Goal:</b>	Learners will demonstrate awareness of safe forklift operation principles by identifying basic key features on the lift, recognizing the technical components of forklift operation, listing safe load handling and driving practices, stating general safety rules, and inspecting and maintaining lift equipment.
<b>Objectives:</b>	<ul style="list-style-type: none"><li>• Identify when the forklift must be inspected.</li><li>• Identify which equipment must be inspected, and the correct procedure for inspection each item.</li><li>• Recognize how to resolve equipment problems.</li><li>• Identify the precautions that must be taken to avoid refueling hazards associated with battery, propane, and gasoline or diesel forklifts.</li><li>• List the required steps for refueling a battery, propane, and gasoline or diesel-powered forklift.</li></ul>