

Forklift Safety (005-SG)

Study Guide

According to the National Safety Council (NSC), how many forklift-related fatalities occurred in 2023?

67 fatalities.

The Material Handling Equipment Distributors Association (MHEDA) reported that over ____ forklift incidents led to work

40,000.00

What percentage of forklift accidents are estimated to be preventable through proper training and safety protocol adherence?

70%

Which regulatory body mandates that all forklift operators be certified and undergo regular refresher training?

The Occupational Safety and Health Administration (OSHA).

How often must forklift operators undergo refresher training to maintain their certification for safe operation?

Every 3 years.

What are the three primary causes of forklift tip-overs?

Excessive speed, uneven surfaces, and improper load balancing.

Forklift collisions often occur due to congested workspaces, failure to follow traffic rules, or ____.

Poor visibility.

Term: Fall Hazards (Forklifts)

Definition: Risks involving workers riding improperly or standing on forks during lifting operations.

Mechanical failures such as brake failures or hydraulic leaks typically result from a lack of ____.

Routine inspections.

What type of damage is caused by rough handling, improper loading, or neglecting weight limits?

Material damage (inventory loss).

How frequently should an operator perform a safety check on their forklift?

Daily (pre-shift).

During a pre-shift inspection, which three mechanical systems must be checked for full functionality?

Brakes, steering, and hydraulics.

What is the primary purpose of checking the horn and lights during a daily safety check?

To ensure visibility and communication.

Pre-shift inspection: Tires should be checked for proper inflation and ____.

Lack of damage.

Why is it essential to check the load capacity before operating a forklift?

To prevent overloading.

What is the recommended height for forks while a forklift is in motion?

Low to the ground.

To ensure stability while moving, a load should always be _____ on the forks.

Centered.

What is the primary risk associated with exceeding a forklift's weight limit?

Tip-overs.

Operators should maintain safe speeds and specifically avoid _____ stops or sharp turns.

Sudden.

What safety measures should be used when an operator's visibility is obstructed?

Mirrors and spotters.

Forklifts are designed to be operated by _____ person(s) at a time.

One.

Besides the three-year requirement, when else is a refresher course required for an operator?

After an accident.

Who is responsible for monitoring forklift usage to ensure compliance with safety protocols?

Supervisors.

In the event of a mechanical failure, what should an operator know the location of to prevent further issues?

Emergency shut-offs.

What is the required immediate action for an operator following any forklift incident?

Report it to a supervisor for investigation.

Name three types of injuries that require proper first aid procedures after a forklift accident.

Burns, fractures, and crush injuries.

What can occur if a forklift accidentally bumps into production machinery?

Misalignment of sensitive equipment.

Striking warehouse racks and shelving carries the risk of inventory loss and structural _____.

Collapses.

What is the purpose of respecting designated forklift routes in a facility?

To reduce congestion and minimize accidental collisions.

What should be used to stabilize irregular loads on a forklift?

Pallets and secure straps.

Why must fork spacing be kept even during loading operations?

To avoid misalignment and excessive strain on inventory.

Where should operators navigate with extra care to prevent property damage to the facility structure?

Dock doors and loading areas.

Beyond compliance, what is the fundamental purpose of forklift safety?

Protecting lives.

Poor handling of forklifts can result in damaged goods and costly production ____.

Delays.

Structural damage: Colliding with racks or production equipment leads to safety hazards and ____.

Expensive repairs.

What should be maintained when operating near pedestrians and other vehicles?

A safe distance.

The core strategy to reduce risks involves proper training, safe operating procedures, and ____.

Routine inspections.

Material damage often results from rough handling or neglecting ____.

Weight limits.

Pre-shift inspection: Horn and ____ must be operational.

Lights.

Sudden stops and sharp turns increase the likelihood of ____.

Tip-overs.

OSHA mandates that all operators must be ____ to ensure safe operation.

Certified.

What is a common cause of collisions involving stationary objects in a warehouse?

Congested workspaces.

What is the consequence of exceeding a forklift's load capacity?

Increased risk of tip-overs.

Safe driving practice: Always maintain clear visibility by using ____ when necessary.

[Spotters.](#)

Refresher courses are essential for maintaining safety every ____ years.

[3](#)

What safety equipment stabilizes irregular loads for transport?

[Secure straps.](#)

What is the impact of fork misalignment on inventory?

[Excessive strain.](#)

Accidental collisions with stationary objects can be minimized by following ____.

[Designated forklift routes.](#)

What is the goal of immediate reporting of incidents to supervisors?

[Investigation.](#)

Routine inspections help prevent brake failure, hydraulic leaks, and ____ malfunctions.

[Steering.](#)

Proper first aid for forklift injuries covers burns, crush injuries, and ____.

[Fractures.](#)

What is the risk of navigating carelessly near loading areas?

[Property damage.](#)

What organizational resource reported over \$40,000\$ forklift incidents?

[MHEDA.](#)

When handling fragile goods, materials should be moved carefully to prevent ____.

[Crushing.](#)

What is the danger of standing on forks during lifting operations?

[Falls from the forklift.](#)

Safe speed: Operators should avoid sudden stops to prevent ____.

[Tip-overs.](#)

Where should a forklift operator look for safety checks before a shift?

[Brakes, steering, hydraulics, tires, horn, and lights.](#)

Why is 'centering the load' a best practice for forklift safety?

To maintain proper load handling and balance.

Who should perform monitoring of forklift usage for safety protocol compliance?

Supervisors.

OSHA requirements: Formal training and certification are required for ____ forklift operators.

All.

What is the risk of striking dock doors during forklift operation?

Property damage.

Forklift safety creates a ____ environment for all employees.

Safer.