



FORKLIFT SAFETY



Session Objectives

You will be able to:

- Understand OSHA regulations and violations
- Know how forklifts work
- Identify operating hazards
- Understand the general principles of Safe Operations of a forklift by a certified driver

Why Forklift Training is Necessary

- 100 fatalities each year
- 20,000 lost workday injuries annually
- Common injuries
 - Hitting a pedestrian
 - Tipping over
 - Improperly positioned loads
 - Falling from raised forks
 - Falling from a ladder struck with a forklift
 - Falling material
- OSHA estimates that approximately 77% of forklift accidents could have been prevented with proper training



OSHA Rules and Regulations

- Training is required by law. OSHA requires that all workers be trained and certified before driving a forklift, even if forklift driving is a very small part of their job.
- Training is proven to reduce accidents and injuries.
- All training and evaluation must be conducted by persons with the necessary knowledge, training, and experience to train powered industrial truck operators and evaluate their competence
 - A qualified trainer would be a person who by possession of a recognized degree, certificate, or professional standing, or.. “Who by extensive knowledge, training, and experience has demonstrated the ability to train and evaluate powered industrial truck operators.”
– OSHA.gov

OSHA Rules and Regulations

- Employers must certify that each operator has received the training and evaluate each operator at least once every three years.
- Prior to operating the truck in the workplace, the employer must evaluate the operator's performance and determine the operator to be competent to operate a powered industrial truck safely.
- Refresher training is needed whenever an operator demonstrates a deficiency in the safe operation of the truck.
- Training shall consist of a combination of formal instruction, practical training (demonstrations performed by the trainer and practical exercises performed by the trainee), and evaluation of the operator's performance in the workplace.
- [29 CFR 1910.178(i)(2)(ii)].



OSHA Rules and Regulations

- Per OSHA, it is a violation of Federal Law to operate a forklift without proper training and holding a valid forklift certification
 - Serious violations can cost a business \$13,653 per violation
 - Failure to abate violations can cost a business \$13,653 per day beyond the abatement date
 - Willful or repeated violations can COST a business \$136,532 per violation



Forklift Safety Video

- For preview purposes only!
- This 23-minute video provides an overview of forklift operations including
 - basic safety rules that should be adhered to both by operators and by other workers
 - engineering principles that make forklifts possible
 - basic maintenance tips and routines that can prevent major issues

<https://www.youtube.com/watch?v=fPhynD2yuBE>

KEY POINTS

- OSHA requires that all workers be trained AND certified before driving a forklift, even if forklift driving is a very small part of their job
- It is a violation of Federal Law to operate a forklift without proper training and holding a valid forklift certification



Take the Quiz!

<https://forms.office.com/Pages/ResponsePage.aspx?id=RZJ-M6ZIREqmNwwW9nbIKxyzzaSUgJJFgf5zZdrqY-IUQ1VNUjYyRU9ESkpDWTZIUK00V0U4R0dNTi4u>

*Note : You can use the slideshow on this quiz.