

COMPETENCY-BASED TRAINING ON THE SAFE OPERATIONS OF FORKLIFT

“Enhancing Forklift Safety, Efficiency, and Operator Accountability in the Workplace”

Schedule

Date	Venue	Fees (Face-to-Face)
24 - 26 Jun 2026	Dubai, UAE	USD 2495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Forklift operations are integral to industrial, warehouse, and construction activities—but they also pose serious safety risks if improperly handled. This competency-based course is designed to equip forklift operators, supervisors, and safety officers with practical skills and knowledge for safe and efficient forklift use.

Through classroom instruction, equipment demonstrations, and performance-based evaluation, participants will learn how to operate forklifts in accordance with international safety standards, including OSHA and ISO guidelines. This training emphasizes hazard awareness, maintenance checks, load handling, and emergency procedures.

Objectives

By the end of this course, participants will be able to:

- Identify key safety principles and legal responsibilities related to forklift use
- Conduct pre-operation checks and routine maintenance
- Operate forklifts safely under varying workplace conditions
- Handle loads, maneuver in tight spaces, and avoid tip-overs
- Respond effectively to forklift-related emergencies or incidents

Why Attend

- Gain practical skills to operate forklifts safely and efficiently
- Reduce the risk of workplace accidents and equipment damage
- Ensure compliance with regulatory and insurance requirements
- Understand forklift mechanics, balance, and load handling techniques
- Receive competency-based assessment and certification

Target Audience

This program is designed for:

- Forklift Operators and Warehouse Personnel
- Loading Dock and Yard Supervisors
- Health, Safety & Environment (HSE) Officers
- Maintenance and Plant Supervisors
- Anyone responsible for operating or overseeing forklift use

Individual Benefits

Key competencies that will be developed include:

- Safe driving, steering, and maneuvering practices
- Proper use of forks, attachments, and lifting protocols
- Risk recognition and hazard avoidance
- Accident prevention and emergency response readiness
- Daily inspection and minor troubleshooting skills

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved workplace safety and reduced incident rates
- Higher productivity with fewer delays due to equipment misuse
- Compliance with occupational safety standards (OSHA, ISO)
- Lower maintenance costs through proper equipment handling
- Stronger culture of accountability and safety awareness

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Safety rules, legal framework, risk factors
- Case Studies - Forklift incidents and lessons learned
- Workshops - Hands-on training in operational environments
- Peer Exchange - Sharing operational safety experiences
- Tools - Forklift inspection checklists, operating logs, visual safety aids

Course Outline

Training Hours: 7:30 AM - 3:30 PM Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

Day 1: Forklift Fundamentals and Safety Principles

- Module 1: Introduction to Forklift Types and Operating Systems (07:30 - 09:30) • Classifications, functions, and controls
- Module 2: Safety Regulations and Operator Responsibilities (09:45 - 11:15) • OSHA/ISO standards, rights and duties
- Module 3: Pre-Use Inspection and Maintenance Basics (11:30 - 01:00) • Daily checks, fault detection, maintenance logs
- Module 4: Workshop - Conduct Forklift Safety Inspection (02:00 - 03:30) • Hazard recognition using checklist protocol

Day 2: Practical Operation and Load Management

- Module 5: Operating Environment Hazards and Navigation (07:30 - 09:30) • Aisles, ramps, docks, overhead obstacles
- Module 6: Load Handling and Stability (09:45 - 11:15) • Load centers, stacking, tilting, balancing
- Module 7: Maneuvering and Driving Best Practices (11:30 - 01:00) • Forward/reverse driving, turns, blind spots
- Module 8: Workshop - Supervised Forklift Driving Session (02:00 - 03:30) • Hands-on skill demonstration in a controlled area

Day 3: Emergency Response and Performance Evaluation

- Module 9: Accident Scenarios and Emergency Protocols (07:30 - 09:30) • Rollover, spills, injury management, evacuation
- Module 10: Refueling, Battery Charging, and Shutdown (09:45 - 11:15) • Diesel, LPG, electric forklifts - safe procedures
- Module 11: Final Practical Assessment and Certification (11:30 - 01:00) • Individual evaluation of operating competency
- Module 12: Workshop - Incident Debrief and Course Wrap-Up (02:00 - 03:30) • Lessons learned, Q&A, certificate distribution

Certification

Participants will receive a Certificate of Completion in Competency-Based Training on the Safe Operations of Forklift, validating their ability to perform safe, compliant, and efficient forklift operations in line with international safety standards.

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