

Forklift Operator Safety and Practical Skills Training Course

28 June – 2 July 2027
Singapore

AGILE LEADERS
Training Center

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Ref: 1870_239664 **Date:** 28 June – 2 July 2027 **Location:** Singapore **Fees:** 5700 Euro

Overview

Forklift Operator Safety and Practical Skills Training Course is a one-week foundation course for forklift operators, warehouse personnel, logistics teams, supervisors, and safety personnel who leave with a Forklift Safe-Operation Workbook. Participants connect truck controls, stability, capacity, inspection, load handling, workplace traffic, energy hazards, parking, and emergency response with supervised practice. The course supports employer-led authorization but does not replace truck-specific instruction or workplace evaluation. Agile Leaders Training Center presents forklift operator safety through disciplined operating decisions.

Who Should Attend

- Teams responsible for operating forklifts and powered industrial trucks
- Personnel responsible for receiving, storage, picking, and dispatch activities
- Functions responsible for warehouse traffic and pedestrian separation
- Supervisors responsible for operator allocation and safe-work checks
- Safety personnel responsible for hazard controls and incident learning

The course assumes participants can follow workplace instructions and identify basic vehicle controls, and it leaves out statutory licensing, employer authorization, truck-specific qualification, and unsupervised workplace operation.

Departments and Industries

The course supports departments and industries that use forklifts for controlled material movement.

- Warehousing, distribution, and fulfillment operations
- Manufacturing and assembly facilities
- Construction materials and industrial supply yards
- Retail, food, and cold-storage logistics
- Ports, terminals, and freight-handling operations

Learning Objectives

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

- Apply operator responsibilities and authorization boundaries
- Use pre-use inspection and defect-reporting methods
- Analyze stability, capacity, and load-center conditions
- Prioritize pedestrian and workplace traffic controls
- Diagnose unsafe travel, stacking, and energy-handling conditions
- Build a supervised safe-operation handover record

Course Agenda

Day 1: Operator Responsibilities and Truck Controls

- Powered Industrial Truck Type and Application Map
- Operator Responsibility and Authorization Boundary
- Control, Instrument, and Warning-Device Checklist
- Steering, Braking, Visibility, and Operating-Limit Review
- Operator Manual and Workplace Rule Evidence Log

Day 2: Inspection, Stability, and Capacity

- Pre-Use Forklift Inspection Checklist
- Defect Isolation and Reporting Decision Path
- Stability Triangle and Center-of-Gravity Model
- Rated Capacity and Load-Center Calculation Sheet
- Attachment Effect and Data-Plate Verification Method

Day 3: Travel and Workplace Traffic Control

- Travel Route and Surface Condition Survey
- Pedestrian Segregation and Exclusion-Zone Plan
- Intersection, Blind-Corner, and Doorway Control Method
- Ramp, Gradient, Dock, and Trailer Safety Check
- Speed, Following-Distance, and Visibility Decision Grid

Day 4: Load Handling and Energy Safety

- Load Condition and Pallet Suitability Assessment
- Fork Position, Pickup, Travel, and Placement Sequence
- Stacking, Unstacking, and Elevated-Load Control
- Battery Charging and Refueling Safety Checklist
- Parking, Shutdown, and Unattended-Truck Procedure

Day 5: Supervised Forklift Practice

- Exercise: Complete a Pre-Use Inspection and Defect Report
- Exercise: Evaluate Capacity, Stability, and Attachment Evidence
- Exercise: Navigate a Controlled Travel and Pedestrian Route
- Exercise: Handle, Stack, Park, and Secure a Simulated Load
- Capstone Exercise: Complete the Forklift Safe-Operation Workbook

Practical Exercises

The course uses suggested activities that connect operator knowledge with supervised safe-work decisions.

- Suggested activity: inspect controls, tires, forks, mast, restraints, warning devices, and energy systems using a pre-use checklist
- Suggested activity: compare load weight, load center, attachment effects, route conditions, and truck capacity before movement
- Suggested activity: map pedestrian routes, blind points, docks, gradients, parking areas, and exclusion controls
- Suggested activity: rehearse travel, pickup, placement, parking, shutdown, and emergency communication under supervision

FAQs

Who suits forklift operator safety training and what does it assume?

Forklift operator safety training suits operators, warehouse teams, logistics personnel, supervisors, and safety staff. It assumes participants can follow workplace instructions and leaves employer authorization, equipment-specific qualification, and workplace competence evaluation to the responsible organization.

How does forklift operator training differ from warehouse safety training?

Forklift operator training concentrates on truck controls, inspection, stability, capacity, travel, load handling, parking, and supervised operating practice. Warehouse safety training addresses wider storage, pedestrian, fire, manual-handling, and facility risks.

Why are forklift stability and load center important?

Forklift stability and load center determine how load weight and position affect the combined center of gravity. Operators use capacity information, the data plate, attachment limits, and route conditions before lifting or traveling.

What belongs in a forklift pre-use inspection?

A forklift pre-use inspection checks visible damage, tires, forks, mast, chains, hoses, leaks, controls, brakes, steering, lights, alarms, restraints, energy condition, attachments, and the data plate before operation.

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Does forklift operator safety training replace workplace authorization?

Forklift operator safety training does not replace employer authorization, truck-specific instruction, supervised familiarization, or workplace performance evaluation. The responsible employer applies those controls to the equipment and conditions at the worksite.

Conclusion

Participants take back a Forklift Safe-Operation Workbook covering responsibilities, inspection, stability, capacity, routes, pedestrians, loads, energy safety, parking, and emergency response. The workbook changes disconnected safety instructions into a traceable operating routine. It supports employer-led familiarization, evaluation, authorization, and ongoing supervision without replacing them.