



Objectives

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- Course information list.

Lesson 1: Components

- Introduction.
- Operator's Manual.
- Lift Truck Terminology.
- Lift Truck Classes.
- Lift Truck Power Sources.
- Fork Truck Batteries.
- Battery Configuration.
- Industrial Battery Components.
- Battery Hazards
- Changing / Charging Batteries.
- Basic Machine Parts
- ROPS / FOPS.
- Lift Truck Tires.
- Tires: Points To Consider.
- Forklift Compared To An Automobile.
- Typical Forklift Controls.
- Transmission Control Lever.
- Transmission Declutch Pedal / Service Brake Pedal.
- Typical Instruments / Switches.
- Instrumentation.
- Check Your Knowledge Questions.

Lesson 2: Safety

- Introduction.
- Basics Of Safety.
- Department Of Labor / Common Accident Causes.
- Safe Environment.
- Medication Warning.
- Personal Protective Equipment.
- Operator's Station Safety.
- Safety Warning Signs.
- Fire Prevention.
- Refueling Safety.
- Pinch Points / Moving Parts.
- Never Allow Riders.
- Hand Signals.
- Operator Fatigue.
- You Are Responsible For Safety.
- Check Your Knowledge.



Lesson 3: Pre-Start Inspection

- Introduction.
- Pre-Start Inspection Video
- Pre-Start Procedures.
- Checklist.
- Operator's Manual.
- Checks.
- Fluid Levels.
- Wheels / Tires.
- Electrical Cables / Wiring.
- Operator's Station.
- Housekeeping.
- Portable Fire Extinguishers.
- Lockout / Tagout: If Problems Are Found.
- Proper Mount / Dismount.
- Seat / Seat Belt.
- Seat Belt.
- Safety Warning Signs.
- Battery Safety.
- Let's Review.
- Check Your Knowledge.

Lesson 4: Start-Up

- Introduction.
- Machine Start-Up.
- Pre-Start Procedures.
- Checks.
- Starting The Engine / Warm Weather.
- Starting The Engine / Cold Weather.
- Cold Weather / Ether Use.
- Jump Starting.
- Final Start-Up Safety Reminders.
- Check Your Knowledge.

Lesson 5: After Start-Up

- Introduction.
- After Starting Checks.
- Check Your Knowledge.



Lesson 6: Operation

- Introduction.
- Safe Operating Techniques Video.
- Before You Operate.
- Inspecting The Job Site.
- Safe Operating Guidelines.
- Operating With People In the Work Area,
- Pedestrian Traffic.
- Working In Congested Areas.
- Rules For Ramps.
- Tractor Trailers / Rail Cars.
- General Load Handling Techniques.
- Engaging A Load.
- Traveling With A Load.
- Depositing A Load.
- Elevating Personnel.
- Know Your Machine.
- Capacities / Limitations.
- Lift Truck Weight.
- Lift Truck Weight / Capacity.
- Tip Factor.
- Balance.
- Center Of Gravity.
- Moving Center Of Gravity.
- Load Center.
- Load Center Rating.
- Improper Load Center.
- Loaded / Unloaded Center Of Gravity.
- The Stability Triangle.
- What Happens When You Add Weight.
- Static / Dynamic Conditions.
- Imbalance.
- Tip Over Causes.
- Using A Spotter.
- Backing Up.
- Visibility.
- Never Allow Riders.
- Towing.
- Overhead Utilities.
- Tips To Live By.
- Fatal Accident Report.
- Check Your Knowledge.



Lesson 7: Shutdown

- Introduction.
- Parking Your Equipment.
- Unattended equipment.
- Refueling Gasoline Or Diesel Lift Trucks.
- Liquid Propane Fuel.
- LP Guidelines.
- Replacing LP Tanks.
- Proper Shutdown Procedures.
- Theft And Vandalism Prevention.
- Check Your Knowledge.

Lesson 8: Advantages

- Introduction.
- Know Your Machine.
- Machine Dimensions.
- Tipping / Operating Capacities.
- Capacities / Machine Stability.
- Check Your Knowledge.

Lesson 9: Attachments

- Introduction.
- Attachments.
- Weight Distribution.
- Typical Attachments.
- Check Your Knowledge.

Lesson 10: Tie-Down

- Introduction.
- Transporting On A Trailer.
- Ratchet Binders.
- Towing.
- Check Your Knowledge.

Lesson 11: Preventive Maintenance

- Introduction.
- Introduction To Preventive Maintenance.
- Preventive Maintenance Records.
- Pre-Service.
- Equipment Inspection Form.