

# Forklift Training Plan Proposal



**Safety – A small investment for a rich future**

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# Did you Know?



- Approximately every **three days**, someone in the United States is **killed** in a forklift-related accident
- Each year **94,750 injuries** related to forklift accidents are reported
- **\$135,000,000 immediate costs** are incurred due to forklift accidents
- According to OSHA, approximately **70%** of all accidents reported **could have been avoided** with **proper safety training and policy<sup>1</sup>**



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# Did you Know?

Accidents also have the capacity to destroy tangible assets:

- Forklifts
- Merchandise
- Buildings and facilities
- Other vehicles
- Shelves and racks
- Electrical systems
- Etc.



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# Did you Know?

It is a violation of Federal law for anyone UNDER 18 years of age to operate a forklift or for anyone OVER 18 years of age who is not properly trained and certified to do so.



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# The Home Depot #4935 - Hudson, WI

An alarming trend over the past year due to forklift related accidents:

- 20% increase in employee absenteeism
  - 60 man-days lost
  - \$58,344 personnel injury costs
- 30% increase in property and inventory damage
  - \$23,000 property and equipment
  - \$15,000 merchandise



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# Problem Solution

Provide safety and operations training:

- In compliance with all regulatory agencies
- All currently assigned and new Warehouse Associates designated as forklift operators
- Requirement to certify to operate the various model forklifts found at The Home Depot #4935
- Recertify annually



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# Goals

- Reduce/eliminate personal injuries
- Reduce/eliminate workman's compensation claims
- Reduce workman's compensation insurance costs
- Reduce/eliminate loss of inventory due to negligence or mishandling of goods
- Reduce/eliminate forklift damage, property damage, and down time due to accidents



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# Expected Results

- Decrease in forklift accidents by 70% after safety and operations training
  - Reduction in injuries
  - Reduction in damages to equipment, property, and inventory
- Positively affected bottom line due to reduction of costs associated with forklift accidents
- Increase in store revenue with enhanced capabilities to assist and service our customers.



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# Cost vs. Benefit

- Annual training cost: \$6,153 (labor and materials)
- Benefit: \$74,440 ( $\$106,344 \times 70\%$ )
  - Personnel - \$58,344
  - Equipment/Maintenance - \$33,000
  - Inventory - \$15,000

$$\text{ROI} = 12.10$$

**For every \$1 spent on training we get \$12.10 in return.**



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# Course Description

- Classroom
  - Presentation and discussion
  - Videos
  - Safety literature review
  - Final written exam
- Warehouse
  - Hands-on training inspecting forklifts
  - Hands-on training operating forklifts
  - Final physical forklift operations exam



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# Course Outline

- I. Introduction
- II. Types, Features, and Physics
- III. Inspecting the Vehicle
- IV. Driving the Truck
- V. Load Handling
- VI. Liquid Petroleum Gas (LPG) for Lift Trucks
- VII. Battery and Charging
- VIII. Safety Concerns
- IX. Specific Truck and Workplace Training/Hands-On
- X. Certification of Completion of the Course

Sample  
Lesson III



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# Summary

- The Home Depot #4935 experienced due to forklift-related accidents:
  - 20% increase in employee absenteeism
  - 30% increase in property and inventory damage
  - Costs totaling over \$106K for 2013
- Solution - Provide forklift safety and operations training in compliance with OSHA and other regulatory agencies
- Included with the intrinsic benefits of this training is an ROI of 12.10



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# Questions?



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# Thank You



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