



Powered Industrial Trucks Training Outline

Subject: Powered Industrial Trucks

Length: Approximately 3 hours

OSHA Training Requirement:

- Prior to an operator's first assigned duty
- Whenever there is a change in workplace hazards.
- When an operator has been observed driving the vehicle in an unsafe manner.
- When an operator has been involved in an accident or near miss.
- When an operator receives a poor evaluation.
- Operator is assigned to drive a different type of vehicle.
- Evaluation of operator performance must occur at least every three years.

Equipment Used in the Training:

- Powered Industrial Trucks PowerPoint Lecture/Discussion
- Powered Industrial Trucks Video(s)
- Powered Industrial Truck Participant Worksheet
- Powered Industrial Truck Written Quiz
- Powered Industrial Truck Hands-On Training



Topics Covered in the Training:

1. Objectives of the training.
 - a. Understand the requirements of OSHA Regulation 1910.178.
 - b. Understand the requirements for safe operation of a powered industrial truck.
 - c. Demonstrate the ability to safely operate a powered industrial truck.

2. Powered Industrial Truck Regulations

3. The Difference Between Forklifts and Automobiles.

4. Types of Powered Industrial Trucks.
 - a. D Type.
 - b. E Type.
 - c. G Type.
 - d. L Type.

5. Modifications and Additions.

6. Atmosphere Requirements.

7. The Stability Triangle.
 - a. Longitudinal and Lateral Stability.
 - b. Dynamic Stability.



8. Vehicle Components.

- a. Discussion: Discuss the various components on forklifts and their operation.

9. Safe Vehicle Operations.

- a. Forklift operator protection.
- b. Working around vehicles.
- c. Leaving vehicles.
- d. Travelling with the vehicle.
- e. Loads.
- f. Trucks and railroad cars.
- g. Travelling with a load.
- h. Turning and cornering.

10. Fueling.

11. Battery Charging Facilities.

12. Handling Batteries.

13. Maintenance.

14. Training Requirements



15. Conclusion

- a. Pass out and go over Participant Worksheet
- b. Pass out and go over written Test

(It is not required that tests be graded, but they will be used as a tool to determine if more training is needed.)

16. Hands on Vehicle Training

- a. The participant will trained in hands on vehicle operation.

17. Training Evaluation Form

- a. Each participant will fill out an evaluation form, evaluating the trainer and the class they participated in.