

FORKLIFT SAFETY

INTRODUCTION

Under the Occupational Safety and Health Act 1994 all personnel involved in the use of material handling equipment should be trained. The forklift is a marvelous high-powered machine built robust and designed with all the safety features to lift and shift various kinds of goods and materials. Some of these are very heavy, expensive and hazardous.

In competent driving, and handling of the forklift, ignorance of the safety regulation, has been the cause of many accidents resulting in injuries and fatalities. Competent driving, handling and the practice of safety rules can ensure accident prevention and save lives.

OBJECTIVES

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

- Maintain and operate the forklift in safe and correct method.
- Identify and understand the important criteria of a forklift (data plate, centre of gravity and stability and forklift limitation).
- Demonstrate the correct and safe operation of a forklift.
- Identify unsafe act and unsafe condition in forklift operation.
- Prepare safety plan in forklift operation to avoid injuries and property damage.

BENEFITS

Participants will be able to:

- Perform daily safety, performance inspection and preventive maintenance to the forklift engines and auxiliary system to avoid down time and unnecessary cost of maintenance.
- Identify the causes and effects of accident so they will be aware, and be a safety conscious forklift driver.
- Drive competently through limited or narrow paths ensuring safety to personal and delivery of product in good condition without delay.

METHODOLOGY

A combination of lecturers, group discussion, video presentation and etc.

WHO SHOULD ATTEND

Forklift Operator and Warehouse Supervisor.

DURATION

The duration of this program is 2 days from 9.00 a.m until 5.00 p.m.

COURSE OUTLINE

MODULE 1 - INTRODUCTION TO OSHA

- OSHA (Act 514)
- Aim.
- Objective.
- Employers & Employee responsibilities.

MODULE 2 - ACCIDENT PREVENTION AWARENESS

- Known and Unknown Effect of Accident (Iceberg Theory).
- Causes of Accident (Heinrich Theory).
- Positive Attitude Mindset.

MODULE 3 - SAFETY & PERFORMANCE INSPECTION (PRACTICAL)

- Understanding Types Forklift Truck & Components.
- Engine Operation Systems.
- Battery Charge Procedures.
- Gas & Fuel Filling.

MODULE 4 - STEERING CONTROL

- Practical Demo by Trainer & Followed by participants.
- Forklift Trucks Slalom Maneuvering.
- Techniques.
- Slalom Driving With Load.

MODULE 5 - THEORY FORKLIFT TRUCKS STABILITY

- Understanding Longitudinal & Lateral Stability.
- Safe Load Lifting & Handling).
- Dos & Don'ts.

MODULE 6 – PRACTICAL

- Pre Operation Safety Inspection.
- Driving Forklift in Confined Area.
- Picking Up the Load.
- Loading and Unloading.
- Stacking and Destecking.
- Ramps and Gradients.
- Practical Evaluation.