



Consulting and Training | Reach New Heights

**Course Name**

# Materials Handling & Storage Safety

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**Sector Name**

Procurement & Supply Chain Operations

**Document Type**

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## Materials Handling & Storage Safety

### Course Introduction

Materials handling and storage activities represent some of the highest safety risk areas in warehouses, industrial sites, and operational facilities. Accidents related to lifting, stacking, movement, and storage of materials often result from unsafe practices, poor layout, inadequate procedures, or lack of awareness rather than equipment failure alone.

Developed by Boost, this course focuses on practical safety management for materials handling and storage operations. The program equips participants with the knowledge and skills required to identify hazards, apply safe handling practices, manage storage risks, and create a safer working environment while maintaining operational efficiency.

Boost's Materials Handling & Storage Safety – Intermediate course strengthens safety awareness and control across material movement and storage processes

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## Materials Handling & Storage Safety

### Target Audience

- ✓ Warehouse and stores supervisors
- ✓ Logistics and materials management staff
- ✓ Operations and facility personnel
- ✓ Safety officers and coordinators
- ✓ Professionals involved in material handling or storage activities

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## Materials Handling & Storage Safety

### Learning Objectives

- ✓ Understand safety risks associated with materials handling and storage
- ✓ Identify common hazards in warehouses and storage areas
- ✓ Apply safe manual and mechanical handling practices
- ✓ Implement safe storage arrangements and controls
- ✓ Reduce incidents related to lifting, stacking, and material movement
- ✓ Support compliance with safety standards and procedures

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## Materials Handling & Storage Safety

### Course Outline

#### ✓ Day 01

##### **Safety Foundations in Materials Handling**

##### **Module 1: Understanding Materials Handling & Storage Risks**

- ✓ Common accidents and incidents
- ✓ Causes of handling and storage injuries
- ✓ Human, equipment, and environmental factors

##### **Module 2: Safety Roles and Responsibilities**

- ✓ Employer and employee responsibilities
- ✓ Supervisor role in safety enforcement
- ✓ Safety culture in operational environments

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## Materials Handling & Storage Safety

### Course Outline

#### ✓ Day 02

##### **Safe Manual and Mechanical Handling**

##### **Module 3: Manual Handling Safety**

- ✓ Safe lifting and carrying principles
- ✓ Ergonomic considerations
- ✓ Preventing strains and musculoskeletal injuries

##### **Module 4: Mechanical Handling Equipment Safety**

- ✓ Forklifts, pallet jacks, and lifting devices
- ✓ Operator responsibilities and common hazards
- ✓ Pre-use checks and safe operation

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## Materials Handling & Storage Safety

### Course Outline

#### ✓ Day 03

##### **Safe Storage Practices**

##### **Module 5: Storage Layout and Organization**

- ✓ Safe warehouse layout principles
- ✓ Traffic flow and access routes
- ✓ Segregation of materials

##### **Module 6: Stacking and Racking Safety**

- ✓ Load limits and stability
- ✓ Safe stacking heights
- ✓ Preventing collapse and falling objects

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## Materials Handling & Storage Safety

### Course Outline

#### ✓ Day 04

##### **Hazard Control and Incident Prevention**

##### **Module 7: Identifying and Controlling Storage Hazards**

- ✓ Fire, chemical, and environmental risks
- ✓ Housekeeping and cleanliness
- ✓ Managing damaged or unsafe materials

##### **Module 8: Incident Reporting and Investigation**

- ✓ Reporting near misses and incidents
- ✓ Basic investigation techniques
- ✓ Corrective and preventive actions

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## Materials Handling & Storage Safety

### Course Outline

#### ✓ Day 05

##### **Compliance and Continuous Improvement**

##### **Module 9: Safety Procedures and Compliance**

- ✓ Standard operating procedures (SOPs)
- ✓ Compliance with safety rules and signage
- ✓ Role of training and awareness

##### **Module 10: Sustaining a Safe Handling and Storage Environment**

- ✓ Safety inspections and audits
- ✓ Continuous improvement practices
- ✓ Building long-term safety discipline

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## Materials Handling & Storage Safety

### Confirmed Sessions

| FROM            | TO               | DURATION | FEES          | LOCATION                   |
|-----------------|------------------|----------|---------------|----------------------------|
| Feb. 1, 2027    | Feb. 5, 2027     | 5 days   | 4950.00<br>\$ | Netherlands ,<br>Amsterdam |
| May 10,<br>2027 | May 14, 2027     | 5 days   | 4250.00<br>\$ | UAE , Abu Dhabi            |
| Aug. 9, 2027    | Aug. 13,<br>2027 | 5 days   | 4250.00<br>\$ | UAE , Abu Dhabi            |
| Oct. 18, 2027   | Oct. 22, 2027    | 5 days   | 4250.00<br>\$ | UAE , Dubai                |

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