



# INDUSTRIAL SAFETY



## COURSE OVERVIEW

This Industrial Safety Training course is designed to equip participants with comprehensive knowledge and practical skills required to manage workplace safety effectively in industrial environments. The course focuses on hazard identification, risk assessment, safety regulations, emergency preparedness, and incident prevention. It combines theoretical frameworks with real-world applications, enabling participants to develop and implement effective safety programs aligned with international standards such as OSHA, ISO 45001, and ILO guidelines.

## DATES, VENUES AND FEES



02 – 06 November 2025 - Dubai

(5 Days)

Fees

US\$ 4500

**Note:** Fee is per participant + 5% VAT (if applicable).  
Groups from the same company can enjoy a **discounted** price.

## WHO SHOULD ATTEND?

This course is appropriate for a wide range of professionals but not limited to:

- Health, Safety, and Environment (HSE) officers and managers
- Industrial engineers and supervisors
- Facility and plant managers
- Safety inspectors and auditors
- Maintenance and operations personnel
- Human resource and compliance professionals
- Anyone responsible for industrial safety or interested in enhancing workplace safety

## CONTACT US NOW

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## ACCREDITATION



**This training course is certified by CPD.**

The CPD Certification Service is the leading independent CPD accreditation institution operating across industry sectors to complement the Continuing Professional Development policies of professional institutes and academic bodies. The CPD Certification Service provides support, advice, and recognised independent CPD accreditation compatible with global CPD principles. CPD is the term used to describe the learning activities professionals engage in to develop and enhance their abilities and keep skills and knowledge up to date. CPD Units are only awarded to programmes after each programme is scrutinised to ensure integrity and quality according to CPD standards and benchmarks.

## COURSE CERTIFICATE

**MSTC** certificate will be issued to all attendees completing a minimum of 80% of the total tuition hours of the course.

**CPD** internationally recognized certificate will be issued for all participants who will meet the course requirements. CPD certificates will be issued within a month of the successful completion of the course.

## TRAINING METHODOLOGY

- Expert-led sessions with dynamic visual aids
- Comprehensive course manual to support practical application and reinforcement
- Interactive discussions addressing participants' real-world projects and challenges
- Insightful case studies and proven best practices to enhance learning

## LEARNING OBJECTIVES

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

- Understand key safety regulations, standards, and their applications in industrial settings.
- Identify potential hazards and assess risks associated with various industrial processes.
- Apply risk control strategies to reduce incidents and ensure compliance.
- Develop and implement safe working procedures and permit-to-work systems.
- Conduct effective accident and incident investigations.
- Promote a strong safety culture and behavioral safety practices in the workplace.
- Prepare and respond effectively to emergencies and ensure business continuity.

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## COURSE OUTLINE

### DAY 1

#### **Introduction to Industrial Safety & Legal Frameworks**

- Pre test
- Principles of industrial safety
- Importance of safety in industrial environments
- Overview of OSHA, ISO 45001, ILO conventions
- Roles and responsibilities in safety management
- Safety Management Systems (SMS)
- Workshop

### DAY 2

#### **Hazard Identification and Risk Assessment**

- Types of industrial hazards (mechanical, chemical, electrical, etc.)
- Hazard identification methods (HAZID, JSA, FMEA)
- Risk assessment techniques and risk matrix
- Hierarchy of controls
- Exercise

### DAY 3

#### **Safe Work Practices and Control Measures**

- Permit-to-work systems: hot work, confined spaces, electrical isolation
- Lockout/Tagout (LOTO) procedures
- PPE selection and use
- Contractor safety management
- Exercise

### DAY 4

#### **Incident Investigation and Behavioral Safety**

- Causes of incidents: immediate, underlying, root causes
- Incident investigation process (5 Whys, Root Cause Analysis)
- Behavior-Based Safety (BBS) and safety culture development
- Reporting systems and near-miss reporting
- Case Study

### DAY 5

#### **Emergency Response and Safety Performance**

- Emergency preparedness and response planning
- Fire safety, evacuation procedures, and first aid basics
- Safety audits and inspections
- Key Performance Indicators (KPIs) for safety
- Continuous improvement and corrective actions
- Post test

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