



London TDM

# Health, Safety, and Environment (HSE) Training

**Course Venue:** United Arab Emirates - Dubai

**Course Date:** From 26 July 2026 To 30 July 2026

**Course Place:** Downtown Dubai

**Course Fees:** 5,000 USD

## Introduction

This comprehensive 5-day course on Health, Safety, and Environment (HSE) is specifically tailored for laboratory and research facility professionals. It aims to equip participants with the knowledge and skills to effectively identify, assess, and manage HSE risks in their workplace, ensuring a safe and compliant research environment.

### Objectives

- Understand the core principles of HSE within laboratory and research settings.
- Identify potential hazards and implement effective risk management strategies.
- Promote adherence to regulatory compliance and industry best practices.
- Enhance emergency preparedness and response protocols.
- Foster a culture of safety and continuous improvement within the organization.

## Course Outlines

### Day 1: Introduction to HSE in Laboratory Environments

- Overview of HSE Principles and Importance
- Understanding Laboratory-Specific Hazards
- Roles and Responsibilities in HSE Management
- Introduction to Risk Assessment Processes
- Developing a Safety Culture

### Day 2: Risk Management and Hazard Identification

- Identifying Chemical, Biological, and Physical Hazards
- Conducting Risk Assessments in Laboratories
- Implementing Control Measures for Hazard Mitigation
- Personal Protective Equipment (PPE) and Safety Equipment
- Documenting and Communicating Risks

### Day 3: Regulatory Compliance and Best Practices

- Understanding Legal and Regulatory Frameworks
- Standards and Guidelines in Laboratory Safety
- Implementing Best Practices for Safety Compliance
- Auditing and Inspection Protocols
- Keeping Up-to-Date with HSE Developments

### Day 4: Emergency Preparedness and Response

- Developing Emergency Response Plans
- Conducting Emergency Drills and Training
- Handling Chemical Spills and Biological Incidents
- Fire Safety and Evacuation Procedures
- First Aid and Medical Emergency Management

### Day 5: Promoting a Culture of Safety and Continuous Improvement

- Engaging Employees in Safety Programs
- Conducting Safety Meetings and Workshops
- Measuring and Improving Safety Performance
- Reporting and Investigating Incidents
- Continuous Improvement and Innovation in HSE