Quality Management & Operational Excellence

ISO 45001:2018 - Occupational health and safety management - Internal Auditor

Course Introduction

The taunt of 'Production versus Safety' has been with companies for many years. This barrier must be overcome. The Occupational Safety and Health Administration (OSHA), is one of the world's leading bodies in setting Health and Safety standards. As such, to be up to date and keenly proactive, these standards should be known and applied. Personnel working within these standards will improve performance and therefore make the company more profitable.

The expectation that personnel will always apply these standards because they are part of the company's policies and procedures is optimistic. It is necessary from time to time to revisit and examine the standards in in order to both refresh and also to stimulate personnel for greater and more accurate application of the standards. This training course will review the major OSHA standards that are applicable to both high hazard plants as well as more general industrial (but widely applicable) standards.

This training course will highlight:

• The OSHA Act

• OSHA's Safety and Health Program Management Guidelines

• Process Safety Management of Highly Hazardous Chemicals standard(29 CFR 1910.119)

• Permit-required confined spaces 19 CFR 1910.146

• HazCom 2012 (29 CFR 1910.200)

Target Audience

This BOOST training course is designed and beneficial for professionals such as Process Engineers, Maintenance Engineers, Team Leaders, Shift Managers and Health and Safety personnel.

Learning Objectives

- Determine the effectiveness of safety management
- Support your recommendations for improvement of process safety management
- Develop safe systems of work for confined space entry
- Understand the basis of HAZOP studies
- Explain the need for review of standard operating procedures
- Analyse management of change

Course Outline

- **01 DAY ONE**

  Introduction to OSHA Standards and the New Guidelines for Safety Management

  - The OSHA Act
  - Management leadership
  - Hazard Assessment
  - Training
  - Evaluation
  - Improvement

- **02 DAY TWO**

  Process Safety Management 29 CFR 1910.119

  - Learning from Accidents
  - The elements of PSM
  - Introduction to PSM
  - Employee Involvement
  - Process Safety Information
  - Introduction to HAZOP Studies

  Interactive Data Visualization

  - This module describes how to create and manage interactive data visualisations.
  - Creating Power BI reports
  - Categorizing the Power BI visuals
  - Choosing your visuals
  - Managing a Power BI solution

- Formatting Report Pages
- Formatting Visuals

• **03 DAY THREE**

Process Safety Management 29 CFR 1910.119 continues

- Operating Procedures and Practices
- Employee Training
- Contractors
- Pre-Start-up safety
- Mechanical Integrity
- Managing Change
- Investigation of Incidents

• **04 DAY FOUR**

Process Safety Management 29 CFR 1910.119 continues and Confined Space Entry

- Emergency Preparedness
- Audits
- Non Routine work
- Work Permits
- Permit-required confined spaces 19 CFR 1910.146
- Confined Space

• **05 DAY FIVE**

Occupational Health and HazCom 2012

- Chemical classifications
- Body uptake
- Safety Data Sheets
- Exercise
- Information and Training of personnel
- Course review

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 7, 2025	April 11, 2025	5 days	4250.00 $	UAE - Abu Dhabi
Sept. 15, 2025	Sept. 19, 2025	5 days	4250.00 $	UAE - Dubai

FROM	TO	DURATION	FEES	LOCATION
Dec. 8, 2025	Dec. 12, 2025	5 days	4250.00 $	UAE - Abu Dhabi

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