

OSHA: Occupational Safety & Health Administration Standards

Date	Venues	(\$)Fees	Book your seat
21 Dec -25 Dec 2025	Cairo	2950	Register Now

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 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)

Objectives

- Understand the basis of the OSHA law
- Creating a better Safety program
- Analysing Process Safety management
- Applying best practice for confined space entry
- Evaluating chemical hazard controls (HazCom 2012)

At the end of this training course, you will learn to:

- 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

Training Methodology

This training course is presented face to face and will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes exercises, syndicate and group discussion, training videos and discussions.

Who Should Attend?

This training course is suitable to a wide range of Oil and Gas professionals but will greatly benefit:

- Process Engineers
- Maintenance Engineers
- Team Leaders
- Shift Managers
- Health and Safety personnel

SEMINAR OUTLINE

DAY 1

The Legal Background of OSHA Standards and the New Guidelines for Safety Management

OSHA had first introduced in 1989 their Safety Management guidelines and now these are being updated.

Key Behaviours:

- Understand roles and responsibilities
- What do the new guidelines include
- Are the guidelines appropriate

Topics:

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

DAY 2

Process Safety Management 29 CFR 1910.119

What the whole process of PSM is about and why there was the necessity to introduce such a standard.

Key Behaviours:

- Examples of Incidents
- Overview of the standard
- The possibility of improvement

Topics:

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

DAY 3**Process Safety Management 29 CFR 1910.119 continues**

The remaining elements of the standard are equally important and will be reviewed

Key Behaviours:

- The problems with updating
- Keeping employees fresh
- What can be forgotten?

Topics:

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

DAY 4**Process Safety Management 29 CFR 1910.119 continues and Confined Space Entry**

Completing the elements of PSM and discussing the standard for Confined Space Entry

Key Behaviours:

- A fresh outlook is required
- The problems with checklists
- Practice and perfection

Topics:

- Emergency Preparedness
- Audits
- Non Routine work
- Work Permits

- Permit-required confined spaces 19 CFR 1910.146
- Confined Space

DAY 5

Occupational Health and HazCom 2012

Chemicals have a variety of ways to cause harm to the individual and the environment. The HazCom 2012 standard (29 CFR 1910.200) is now aligned with the Global Harmonised System

Key Behaviours:

- Understating the effects of chemicals
- SDS and the GHS
- Training in line with the standard

Topics:

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