



Arabian Institute For Training

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# OSHA Training Occupational Safety & Health Administration Standards

## INTRODUCTION

- The taunt of 'Production vs. 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 OSHA training seminar 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 OSHA 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 OSHA 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
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## **TRAINING METHODOLOGY**

- This OSHA 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.

## **ORGANISATIONAL IMPACT**

The organisation that sends personnel to this OSHA training course will gain in that the delegates will:

- Gain increased professionalism
- Be able to improve their present working systems
- Accept that team working is of the highest importance
- Have the capacity to increase profitability

## **PERSONAL IMPACT**

Employees participating in this OSHA training course will:

- Gain an Understanding of the OSHA law
- Determine the effectiveness of safety management
- Recognise recommendations for improvement of process safety management
- Be able to develop safe systems of work for confined space entry
- Understand the basis of HAZOP studies and Inherently Safer Design

## **WHO SHOULD ATTEND?**

This OSHA 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
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## Course Outline

### OSHA Standards and the New Guidelines for Safety Management

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

### Process Safety Management 29 CFR 1910.119

- Learning from Accidents
- The Elements of PSM
- Introduction to PSM
- Employee Involvement
- Process Safety Information

### 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

### 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

### Occupational Health and HazCom 2012

- Chemical Classifications
  - Body Uptake
  - Safety Data Sheets
  - Exercise
  - Information and Training of Personnel
  - Seminar Review
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