

# H S E

HEALTH

SAFETY

ENVIRONMENT



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## OSHA Occupational Safety & Health Administration Standards & Guidelines

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**Duration:** 5 Days



### 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 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 course will feature:**

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

## Who Should Attend?

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Team Leaders, Managers, Line Managers, Supervisors, Team Leaders, Project Managers, Control Center Operators and Supervisors, Emergency Dispatchers, Security Personnel and CCTV Operators, HSE Officers, HSE Personnel, HSE Professionals, Emergency Response Team members, HSE Managers and Auditors, Health & Safety and Environmental Professionals, Fire Officers, Incident Control Point (Forward Control) Team Members, Supervisors, Inspectors, Advisors, Auditors, Laboratory Personnel, Emergency Personnel, Maintenance Personnel, Procurement and Supply Chain Managers, Engineers and Maintenance Personnel, Experienced and new auditors linked to the company's HSE Management Systems (HSE-MS), HSE-MS Personnel, Personnel involved in implementing the Company's HSE-MS, Control Center Operators and Supervisors, Security Personnel and CCTV Operators

## Course Objectives:

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### By the end of this course delegates will be able 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
- Analyze management of change

## Course Outline:

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### **The Legal Background of 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 Part I**

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

### **Process Safety Management 29 CFR 1910.119 Part II**

- 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
- Information and Training of personnel