OSHA Standards: Comprehensive Occupational Safety Training

31 January – 4 February 2027
Cairo (Egypt)



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Why This Course

Workplace safety is not just a regulatory requirement — it's a cornerstone of operational excellence and employee well-being. The OSHA Standards and Compliance Program is an intensive 1-week training designed to provide professionals with a deep understanding of OSHA regulations, compliance strategies, and best practices in occupational safety and health management.

Through interactive sessions, case studies, and practical exercises, participants will learn how to interpret and apply OSHA standards, identify workplace hazards, implement effective control measures, and build comprehensive safety programs. This course is essential for safety officers, supervisors, managers, and anyone responsible for maintaining safe, compliant, and productive work environments across industries.

What You'll Learn and Practice

By completing this program, participants will:

- Understand the scope, purpose, and application of OSHA standards.
- Identify and control common workplace hazards across multiple industries.
- Design, implement, and evaluate effective safety and health programs.
- Apply OSHA regulations to real-world workplace scenarios.
- Master OSHA recordkeeping, reporting, and compliance documentation.

The Program Flow

Day 1: Introduction to OSHA and General Industry Standards

- OSHA's mission, structure, and regulatory framework.
- Employer responsibilities and employee rights under OSHA.
- Walking-working surfaces and fall protection requirements.
- Exit routes, emergency planning, and fire prevention strategies.

Day 2: Hazard Communication and Personal Protective Equipment

- OSHA's Hazard Communication Standard HCS and the Globally Harmonized System GHS.
- Selection, maintenance, and use of Personal Protective Equipment PPE.
- Respiratory protection programs and fit testing procedures.
- Occupational noise exposure limits and hearing conservation programs.



Day 3: Electrical Safety and Machine Guarding

- Electrical safety requirements and lockout/tagout procedures.
- Controlling hazardous energy during maintenance and servicing.
- Machine guarding principles and applications.
- Powered industrial trucks: safety, inspection, and operator training.

Day 4: Health Hazards and Industrial Hygiene

- Identifying and controlling biological and chemical hazards.
- Bloodborne pathogens and exposure control plans.
- Ergonomics and prevention of musculoskeletal disorders.
- Handling, storage, and labeling of hazardous materials.
- Permit-required confined space entry and rescue procedures.

Day 5: Recordkeeping, Reporting, and Program Management

- OSHA injury and illness recordkeeping and reporting requirements.
- Conducting workplace inspections, audits, and corrective actions.
- Developing and maintaining effective safety and health programs.
- Preparing for and managing OSHA compliance inspections.

Individual Impact

- Gain comprehensive knowledge of OSHA standards and compliance frameworks.
- Develop the ability to assess and mitigate workplace hazards effectively.
- Build confidence in managing inspections and communicating safety requirements.
- Strengthen leadership skills in promoting a culture of safety and accountability.

Organizational Impact

- Reduce incidents and regulatory penalties through proactive compliance.
- Strengthen safety management systems and performance measurement.
- Enhance operational efficiency through effective hazard control and training.
- Foster a culture of safety excellence and regulatory responsibility.

Training Methodology

The program combines theoretical insight with practical application through:

- Real-world OSHA case studies and interactive compliance workshops.
- Group exercises on hazard recognition and risk assessment.
- Practical demonstrations of PPE, lockout/tagout, and safety documentation.
- Quizzes and guided discussions to reinforce regulatory understanding.



Beyond the Course

Upon completion, participants will be equipped to manage OSHA compliance effectively, lead safety initiatives, and ensure workplace environments meet regulatory and operational standards of excellence.

Graduates of this program will emerge as safety leaders — capable of driving compliance, prevention, and continuous improvement across their organizations.

