



Project No.
9001

Date
2025

Doc. No.
EOTSS9001

Serial No
9001/2025-

Rev.
00

Proj. dep.
Saftey

EOTSS Doc. CODE :

EOTSS/Saftey/9001-saftey/2025



المعهد الهندسي لخدمات التكنولوجيا و البرمجيات

Engineering office for Technology and Software Services

OSHA (Occupational Safety and Health Administration)




OSHA (Occupational Safety and Health Administration) Training Course

Code: 9001-Saftey



 Course Duration:

30 hours – Over 4 Weeks

Target Audience:

 Safety officers, managers, supervisors, workers in industrial sectors, construction, and manufacturing environments.

What Will I Learn?

-  Understand OSHA's role in workplace safety
-  Identify hazards and perform risk assessments

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, El Siouf _Alexandria

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- ✓ Develop and implement safety programs and policies
- ✓ Select and manage personal protective equipment (PPE)
- ✓ Maintain OSHA recordkeeping and compliance
- ✓ Apply OSHA regulations in practical scenarios

✿ Course Content:

🌟 Unit 1: Introduction to OSHA (6 hours)

- Overview of OSHA: Understanding the role of OSHA in workplace safety.
- History and Development: The origins of OSHA and its importance in modern workplace safety standards.
- OSHA Standards and Regulations: Key OSHA regulations and standards to ensure workplace safety.
- Employee Rights and Employer Responsibilities: Understanding employee safety rights and employer obligations under OSHA.

⚠ Unit 2: Hazard Identification and Risk Assessment (8 hours)

- Identifying Workplace Hazards: Common workplace hazards and how to recognize them (e.g., chemical, physical, biological, ergonomic).
- Risk Assessment Techniques: How to assess the risk level of identified hazards and evaluate their impact on workers.
- The Hierarchy of Controls: Methods for controlling hazards, including elimination, substitution, engineering controls, administrative controls, and PPE (Personal Protective Equipment).
- Workplace Safety Audits: How to conduct safety audits to identify potential risks and hazards.

📄 Unit 3: Safety Programs and Policies (6 hours)

- Developing a Safety Program: Creating and implementing a safety program in compliance with OSHA standards.
- Emergency Preparedness Plans: Developing plans for responding to emergencies (e.g., fire, electrical hazards, chemical spills).
- Workplace Safety Policies: Implementing clear workplace safety policies for all employees.
- OSHA Inspections and Compliance: How to prepare for and comply with OSHA inspections.

🛡 Unit 4: Personal Protective Equipment (PPE) (6 hours)

- Types of PPE: Overview of different types of personal protective equipment (e.g., gloves, goggles, helmets, ear protection).

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- Selecting Appropriate PPE: How to choose the correct PPE for different workplace hazards.
- Proper Use and Maintenance of PPE: Best practices for wearing and maintaining personal protective equipment.
- PPE Training and Awareness: Educating employees on the importance and proper use of PPE.



Unit 5: OSHA Recordkeeping and Reporting (4 hours)

- OSHA 300 Log: Understanding the OSHA 300 Log for tracking workplace injuries and illnesses.
- Reporting Work-Related Injuries and Illnesses: The proper process for reporting workplace accidents.
- Recordkeeping Requirements for Employers: How to maintain and report safety records in compliance with OSHA standards.
- Safety Training Documentation: Ensuring all safety training is documented properly for audits and inspections.



Assessment Tools:

- **Theoretical Exams:** Testing knowledge of OSHA regulations, hazard identification, and safety protocols.
- **Practical Assignments:** Case studies and role-playing exercises to simulate real workplace safety scenarios.
- **Final Project:** Design a workplace safety plan that complies with OSHA standards for a specific industry.

Expected Outcomes from the Course:

- Comprehensive understanding of OSHA regulations and their application in the workplace.
- Ability to identify workplace hazards and implement effective risk management strategies.
- Skills to develop and manage workplace safety programs.
- Knowledge of proper PPE selection, usage, and maintenance to prevent injuries.
- Proficiency in OSHA recordkeeping and reporting requirements.



Course Certification:

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Upon successful completion, participants will receive an **OSHA-compliant safety certification**, enhancing their ability to promote safety in their workplaces and ensuring legal compliance with OSHA standards.

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