BLACKBIRD FOR TRAINING

OSHA: Occupational Safety & Health Administration Standards

Amsterdam (Netherlands)

6 - 10 October 2025

UK Traininig

PARTNER

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OSHA: Occupational Safety & Health Administration Standards

Code: HS28 From: 6 - 10 October 2025 City: Amsterdam (Netherlands) Fees: 4900 Pound

Introduction

The OSHA Occupational Health and Safety Administration Standards are precise, detailed, and fully functional in matters of occupational health and safety. These standards have to be followed in the United States by legislation. They are, however, also widely used internationally by many major organisations because they have shown to have prevented countless work-related injuries, illnesses, and deaths.

An understanding of modern health and safety is essential for the safe operation of all businesses, plants, and process operations. The role of health and safety management and the role of risk assessment is an essential part of modern health and safety. The OSHA standards identify not only hazards but also the financial and moral drivers for safety management.

This interactive OSHA training course offers insight into the causes of accidents, incidents, and disasters. Failures that lead to disaster are investigated to help develop robust systems for operational and process safety. Issues relating to occupational health are also discussed and developed within this training course and a robust model for accident causation is considered, along with the role of human failure.

Course Objectives of OSHA Occupational Safety & Health Administration Standards

- Understand the role of OSHA in assisting Health and Safety improvement.
- Developing an appreciation of occupational health and health surveillance.
- Understanding how incidents happen, and the role of human factors.
- Developing skills for analyzing new and existing risk control measures and improving incident analysis techniques of pre and post-risk and incident management arrangements
- Apply the idea of inherently safe technology.

Course Outline of OSHA Occupational Safety & Health Administration Standards

Day 1

All about OSHA and Health & Safety

- Introduction.
- Health and Safety Drivers.

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- An introduction to the OSHA Standards.
- OSHA Inspections.
- Health and Safety Policies and the Safety Management System.
- Risk Assessment.
- Group Work.
- Safe Systems of Work.

Day 2

Aspects of Occupational Health

- An introduction to Occupational Health.
- Chemicals
    - Health Hazards.
    - Physical Hazards.
    - Global Harmonisation System for Classification.
- Group Work.
- Hazard Communication OSHA 1910.1200.
- Bloodborne Pathogens OSHA 1910.1030.
- Sanitation OSHA 1910.141.
- Noise OSHA 1910.95.
- The role of Health Surveillance.

Day 3

Work at Height & Confined Space Hazards

- Scaffolding OSHA 1926.450.
- Portable Ladders OSHA 1910.23.
- Work Permits & Hot Work Permits OSHA 1910.119k.
- Lockout / Tagout OSHA 1910.147.
- Permit-required confined spaces OSHA 1910.146.
- Group Work.
- PPE OSHA 1910.132.

Day 4

Process Safety

- The Fire Triangle.
- Fire Safety: Control measures and OSHA.
- The Fire Safety Risk Assessment.
- Flammable Liquids OSHA 1910.106 - Tanks and API 620 etc. Tank Farms.
- Case Study: Tank Filling.
- Process Safety Management OSHA 1910.119
    - Background.
    - Details of the standard.
- HAZOP Studies.
- Group Work.
- The role of Inherently Safer Technology.

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- Case Study; Refinery Disaster.

Day 5

Incident Investigation and Startup and Dealing with Disaster

- Organisational Memory.
- Incident Investigation OSHA 1910.119m.
- Human Factors in Accident Causation.
- Health and Safety Monitoring.
- Case Study: Human Factors.
- Process Safety Indicators ANSI / API RP 754.
- Process Startup - a riskier time
    - Operating Envelope.
    - Operating Procedures OSHA 1910.119 f.
    - Pre-Startup Safety Review OSHA 1910.119 i.
- Case Study: Emergency Response to disasters.
- Emergency Response OSHA 1910.119n.
- Review.

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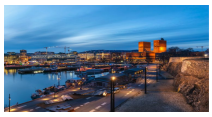
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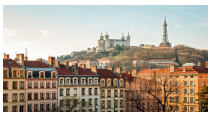
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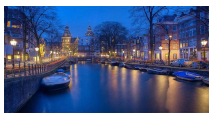
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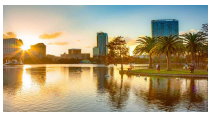
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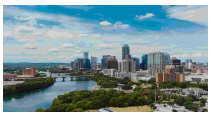
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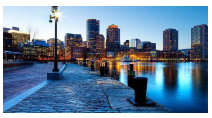
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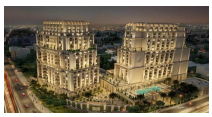
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