Training Course on Workplace Hazard Identification and Risk Assessment

Professional Development Training Course Outline

Category	Occupational Health	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today's fast-paced and evolving work environments, identifying potential hazards and assessing risks is more critical than ever. Training Course on Workplace Hazard Identification and Risk Assessment equips professionals with the tools, techniques, and strategies to create safer workspaces. From reducing workplace injuries to ensuring compliance with OSHA standards, this training will empower teams to proactively manage and mitigate risks using risk management frameworks and incident analysis.

This course integrates real-world case studies, interactive learning, and compliance-driven content to improve workplace safety culture. Whether you're in construction, healthcare, manufacturing, or corporate management, mastering risk assessment procedures, hazard evaluation, and safety planning is vital for sustainable business operations and employee well-being.

Programme Curriculum

Training Course on Workplace Hazard Identification and Risk Assessment

Introduction

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Course Objectives

1. Understand core principles of occupational safety and health (OSH).
2. Learn how to identify physical, chemical, ergonomic, and biological hazards.
3. Master risk assessment techniques aligned with international safety standards.
4. Apply the Hierarchy of Controls to mitigate workplace hazards.
5. Conduct comprehensive job hazard analysis (JHA).
6. Interpret incident reports and safety data sheets (SDS) effectively.
7. Develop and implement workplace safety plans.
8. Understand the importance of safety audits and inspections.
9. Learn root cause analysis to prevent future incidents.
10. Build safety communication skills to engage teams.
11. Evaluate and prioritize risk exposure levels.
12. Apply emergency response planning methods.
13. Promote a proactive safety culture through training and behavior-based safety (BBS).

Target Audience

1. Health & Safety Officers
2. Human Resource Managers
3. Operations Managers
4. Team Leaders and Supervisors
5. Compliance Officers
6. Risk Management Professionals
7. Construction and Engineering Personnel
8. Occupational Health Nurses and Technicians

Course Duration: 5 days

Course Modules

Module 1: Introduction to Workplace Hazards

- Overview of hazard types: Physical, Chemical, Biological, Ergonomic, Psychosocial
- Importance of workplace safety standards
- Legal obligations and regulatory compliance (e.g., OSHA, ISO 45001)
- Hazard recognition and reporting
- Identifying near misses and unsafe conditions
- **Case Study: Chemical hazard incident at a food processing plant**

Module 2: Risk Assessment Fundamentals

- Defining hazard vs. risk
- Types of risk assessments (qualitative vs. quantitative)
- Risk matrix application and likelihood analysis
- Prioritization techniques
- Identifying controls for high-risk scenarios
- **Case Study: Risk prioritization failure in a manufacturing facility**

Module 3: Job Hazard Analysis (JHA)

- Step-by-step JHA process
- Hazard identification through task observation
- Tools and templates for JHA
- Integrating JHA with standard operating procedures (SOPs)

- Communicating JHA findings to teams
- **Case Study: Injury prevention using JHA in a logistics company**

Module 4: Control Measures and Mitigation Techniques

- The Hierarchy of Controls explained
- Engineering and administrative controls
- Personal Protective Equipment (PPE) usage
- Substitution and elimination practices
- Evaluating control measure effectiveness
- **Case Study: PPE misuse in a construction site and lessons learned**

Module 5: Incident Investigation and Root Cause Analysis

- Steps in conducting an effective investigation
- Data collection and evidence documentation
- Fishbone diagram and 5 Whys method
- Categorizing direct, indirect, and root causes
- Developing actionable recommendations
- **Case Study: Root cause analysis of a warehouse equipment accident**

Module 6: Safety Inspections and Audits

- Purpose and frequency of workplace inspections
- Tools for conducting safety audits
- Checklist development and usage
- Engaging employees during inspections
- Recording and reporting findings
- **Case Study: Missed audit red flags in an office fire incident**

Module 7: Emergency Preparedness and Response

- Building an emergency response plan (ERP)
- Evacuation procedures and drills
- Assigning roles and responsibilities
- Communicating during emergencies
- Post-incident review and recovery actions
- **Case Study: Successful ERP activation during a laboratory spill**

Module 8: Fostering a Safety Culture

- Leadership’s role in promoting safety
- Behavior-based safety (BBS) programs
- Motivating safety participation
- Safety communication tools and techniques
- Continuous improvement through feedback
- **Case Study: Transformation of safety culture in a transport company**

Training Methodology

- Interactive lectures and multimedia presentations
- Group discussions and role-playing exercises
- Real-life case study analysis and presentations
- Workplace simulation activities and hands-on tools
- Pre- and post-training assessments
- Downloadable templates and job aids for practical use

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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