Environmental Health and Workplace Safety Training Course

Professional Development Training Course Outline

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

Course Introduction

In today’s rapidly evolving industrial and corporate landscape, Environmental Health and Workplace Safety (EHWS) has become a critical pillar for organizational sustainability, employee well-being, regulatory compliance, and operational excellence. This comprehensive training course equips participants with practical skills, global safety standards, hazard control strategies, and modern environmental management practices aligned with ISO 45001, ISO 14001, sustainability frameworks, and emerging digital safety technologies.

Environmental Health and Workplace Safety Training Course integrates real-world case studies, incident investigations, emergency preparedness, behavioral safety techniques, and environmental sustainability practices to empower professionals in creating safer, healthier, and environmentally responsible workplaces. Participants will gain expertise in hazard identification, risk assessment, waste management, chemical safety, occupational disease prevention, safety leadership, ESG reporting, and workplace compliance auditing.

Programme Curriculum

Environmental Health and Workplace Safety Training Course

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Course Duration

5 Days

Course Objectives

1. Understand modern Occupational Health and Safety Management Systems (OHSMS).
2. Apply ISO 45001 and ISO 14001 compliance frameworks effectively.
3. Conduct comprehensive Hazard Identification and Risk Assessment (HIRA).
4. Improve workplace safety culture and behavioral safety practices.
5. Implement Environmental Sustainability and ESG strategies.
6. Develop effective Emergency Response and Disaster Preparedness Plans.
7. Manage industrial waste, pollution control, and carbon footprint reduction.
8. Strengthen incident investigation and root cause analysis techniques.
9. Promote mental health, wellness, and psychosocial workplace safety.
10. Utilize digital safety tools, AI-driven compliance systems, and smart monitoring technologies.
11. Ensure compliance with occupational health regulations and legal requirements.
12. Reduce workplace accidents through proactive safety leadership and preventive controls.
13. Enhance organizational performance using sustainable workplace practices and climate resilience strategies.

Target Audience

This course is designed for:

1. Health and Safety Officers
2. Environmental Management Professionals
3. HR and Administration Managers
4. Factory and Plant Supervisors
5. Construction Site Managers
6. Quality Assurance and Compliance Officers
7. Facility and Operations Managers
8. Corporate Sustainability and ESG Teams

Course Modules

Module 1: Fundamentals of Environmental Health and Workplace Safety

- Introduction to Occupational Health and Safety
- Principles of Environmental Management
- Workplace Safety Regulations and Compliance
- Safety Culture and Employee Responsibilities
- Global Trends in ESG and Sustainability
- **Case Study:** Analysis of a multinational company that improved safety performance through ISO 45001 implementation.

Module 2: Hazard Identification and Risk Assessment (HIRA)

- Types of Workplace Hazards
- Risk Assessment Methodologies
- Job Safety Analysis (JSA)
- Risk Control Hierarchy
- Preventive and Corrective Actions
- **Case Study:** Investigation of a construction site accident caused by poor hazard assessment.

Module 3: Occupational Health and Industrial Hygiene

- Workplace Exposure Monitoring
- Chemical and Biological Hazards
- Ergonomics and Musculoskeletal Disorders
- Noise and Air Quality Management
- Mental Health and Employee Wellness
- **Case Study:** Reducing occupational illness in a manufacturing plant through industrial hygiene controls.

Module 4: Environmental Management and Sustainability

- Waste Management and Recycling Systems
- Pollution Prevention Strategies
- Climate Change and Carbon Management
- Water and Energy Conservation
- Environmental Impact Assessment (EIA)
- **Case Study:** A manufacturing company achieving sustainability goals through green operations.

Module 5: Emergency Preparedness and Incident Management

- Emergency Response Planning
- Fire Safety and Evacuation Procedures
- Disaster Risk Reduction
- Incident Reporting Systems
- Root Cause Analysis Techniques
- **Case Study:** Lessons learned from a major industrial fire and emergency response failures.

Module 6: Workplace Safety Operations and Compliance

- Safety Audits and Inspections
- Permit-to-Work Systems
- Personal Protective Equipment (PPE)
- Contractor Safety Management
- Legal and Regulatory Compliance
- **Case Study:** Improving compliance and reducing penalties in a logistics company.

Module 7: Digital Safety Technologies and Smart Workplaces

- AI and IoT in Workplace Safety
- Real-Time Safety Monitoring Systems
- Data Analytics for Risk Prediction
- Smart PPE and Wearable Technologies
- Cybersecurity and Workplace Safety Integration

- **Case Study:** Using digital safety systems to reduce incidents in a smart factory environment.

Module 8: Safety Leadership and Organizational Excellence

- Leadership in Health and Safety
- Behavioral-Based Safety (BBS)
- Safety Communication Strategies
- Employee Engagement and Safety Training
- Continuous Improvement and Safety KPIs
- **Case Study:** Transforming organizational culture through leadership-driven safety initiatives.

Training Methodology

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

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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Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com