Occupational Safety for Women in Mining Training Course

Professional Development Training Course Outline

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

Course Introduction

The mining industry is rapidly transforming through Gender-Responsive Occupational Safety, Inclusive Workplace Health Programs, and Sustainable Mining Practices that prioritize the wellbeing of women workers. Women in mining face unique occupational hazards including ergonomic risks, chemical exposure, gender-based violence, mental health challenges, and inadequate access to properly designed Personal Protective Equipment (PPE). Occupational Safety for Women in Mining Training Course is designed to strengthen workforce resilience, improve compliance with international safety standards, and promote a culture of Zero Harm, Diversity, Equity & Inclusion (DEI), and Psychological Safety across mining operations. The course integrates modern industry practices aligned with ESG (Environmental, Social, and Governance) frameworks, ISO 45001 Occupational Health and Safety Management Systems, and global mining safety regulations.

This comprehensive training program equips participants with practical competencies in risk assessment, hazard identification, incident prevention, emergency preparedness, and women-centered workplace safety strategies. Participants will gain insights into emerging mining trends such as digital safety monitoring, AI-driven risk management, fatigue management systems, workplace wellness, and safety leadership for women in extractive industries. Through real-world case studies, simulations, interactive workshops, and field-based learning, the course empowers mining professionals to create safer, healthier, and more inclusive mining environments while enhancing operational productivity and workforce sustainability

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Programme Curriculum

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Course Duration

5 days

Course Objectives

1. Develop competencies in Occupational Health and Safety (OHS) for women in mining environments.
2. Strengthen knowledge of Gender-Sensitive Risk Assessment and hazard prevention.
3. Promote the use of Smart PPE Technologies and women-specific protective equipment.
4. Improve compliance with ISO 45001, mining legislation, and ESG safety standards.
5. Enhance awareness of Mental Health and Psychosocial Safety in mining workplaces.
6. Build capabilities in Emergency Response and Crisis Management for mining incidents.
7. Address Gender-Based Violence (GBV), harassment, and workplace discrimination risks.

8. Equip participants with skills in Digital Safety Reporting Systems and incident analytics.
9. Promote Fatigue Risk Management and workplace wellness strategies.
10. Improve understanding of Chemical Safety, dust exposure, and occupational diseases.
11. Strengthen leadership in Safety Culture Transformation and inclusive supervision.
12. Enhance knowledge of Ergonomics and Musculoskeletal Injury Prevention for women miners.
13. Foster sustainable mining practices through Inclusive Safety Governance and workforce empowerment.

Target Audience

1. Women working in underground and surface mining operations.
2. Occupational Health and Safety Officers in mining companies.
3. Mining supervisors and site managers.
4. Human Resource and DEI professionals in extractive industries.
5. Government mining inspectors and regulatory officers.
6. Environmental, Health, and Safety (EHS) professionals.
7. Mining engineering students and technical trainees.
8. Community safety advocates and women empowerment organizations.

Course Modules

Module 1: Introduction to Occupational Safety in Mining

- Overview of mining hazards and risks for women.
- Legal frameworks and mining safety regulations.
- Gender-responsive occupational health strategies.
- Safety culture and behavioral safety practices.
- Roles and responsibilities in mining safety management.
- **Case Study:** Improving women's safety compliance in underground mining operations in South Africa.

Module 2: Hazard Identification and Risk Assessment

- Workplace hazard identification techniques.
- Gender-sensitive risk assessment methodologies.
- Incident investigation and root cause analysis.
- Risk mitigation planning and controls.
- Safety audits and inspection procedures.
- **Case Study:** Risk reduction through digital hazard reporting systems in open-pit mining.

Module 3: Personal Protective Equipment (PPE) and Ergonomics

- Women-specific PPE standards and selection.
- Smart wearable safety technologies.
- Ergonomic hazards and musculoskeletal injury prevention.
- Proper use and maintenance of PPE.
- Workplace design for women miners.
- **Case Study:** Adoption of ergonomic PPE solutions to reduce injury rates among female miners.

Module 4: Occupational Health and Wellness

- Occupational diseases in mining environments.
- Dust, noise, vibration, and chemical exposure management.
- Mental health and psychosocial wellbeing.

- Fatigue management systems.
- Workplace wellness and resilience programs.
- **Case Study:** Mental wellness intervention programs improving productivity in mining camps.

Module 5: Emergency Preparedness and Crisis Management

- Emergency response planning and coordination.
- Fire safety and evacuation procedures.
- First aid and trauma response techniques.
- Mine rescue operations and communication systems.
- Disaster recovery and business continuity planning.
- **Case Study:** Emergency evacuation success during underground mine incidents.

Module 6: Gender-Based Violence and Workplace Harassment Prevention

- Understanding GBV risks in mining environments.
- Workplace harassment prevention policies.
- Reporting and response mechanisms.
- Building respectful and inclusive workplaces.
- Legal protections and employee rights.
- **Case Study:** Implementation of anti-harassment frameworks in multinational mining companies.

Module 7: Digital Safety Systems and Innovation

- AI-driven safety monitoring technologies.
- Digital incident reporting platforms.
- Data analytics for safety improvement.
- Remote monitoring and IoT applications.
- Cybersecurity in mining safety systems.
- **Case Study:** Real-time wearable monitoring reducing safety incidents in mining operations.

Module 8: Leadership and Safety Culture Transformation

- Leadership strategies for inclusive safety.
- Building high-performance safety teams.
- Communication and conflict management.
- Continuous improvement and safety innovation.
- ESG and sustainable mining governance.
- **Case Study:** Safety culture transformation through women leadership initiatives in mining.

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
21 Sep 2026	25 Sep 2026	Online	$1,000
21 Sep 2026	25 Sep 2026	Physical	$1,500
21 Sep 2026	25 Sep 2026	Physical	$0
21 Sep 2026	25 Sep 2026	Physical	$0
21 Sep 2026	25 Sep 2026	Physical	$0
21 Sep 2026	25 Sep 2026	Physical	$0
21 Sep 2026	25 Sep 2026	Physical	$0
21 Sep 2026	25 Sep 2026	Physical	$0

Ready to enroll or request a customized program? Book online or contact us:

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