

€ TRAINING

Surface Miner 7702101 Common Core
Training





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Introduction:

This program is a foundational program designed to meet the legislative requirements of the Ministry of Labour, Immigration, Training, and Skills Development MLITSD in Ontario, Canada. This training program provides essential skills and knowledge for workers involved in surface mining operations, ensuring they perform their duties safely and in compliance with industry standards. The program covers critical aspects of mining safety, equipment operation, and workplace procedures, preparing participants to handle the demands of surface mining environments effectively.

Program Objectives:

At the end of this program, participants will be able to:

- Acquire core skills and knowledge required for surface mining operations.
- Understand and adhere to health, safety, and environmental regulations.
- Be in the safe operation and maintenance of mining equipment.
- Identify and manage workplace hazards.
- Foster effective communication and teamwork within mining operations.

Targeted Audience:

- New Employees: Individuals entering the mining industry who require initial training.
- Experienced Miners: Workers needing to update their skills or obtain certification.
- Supervisors and Managers: Personnel in leadership roles requiring a thorough understanding of mining operations and safety protocols.

Program Outline:

Unit 1:

Workplace Safety and Health Regulations:

- Introduction to Mining Safety.
- Health and Safety Legislation.
- Hazard Identification and Risk Assessment.
- Accident Prevention and Response.

Unit 2:

Equipment Operation and Maintenance:

- Introduction to Mining Equipment.
- Safe Operation Procedures.
- Routine Maintenance and Inspections.
- Troubleshooting and Repairs.

Unit 3:

Environmental Awareness and Management:

- Environmental Regulations in Mining.
- Waste Management Practices.
- Erosion and Sedimentation Control.
- Rehabilitation and Reclamation.

Unit 4:

Emergency Preparedness and Response:

- Emergency Response Planning.
- First Aid and Medical Response.
- Fire Safety and Prevention.
- Evacuation Procedures.

Unit 5:

Communication and Workplace Procedures:

- Effective Communication in Mining. Incident Reporting and Documentation.
- Standard Operating Procedures SOPs.
- Teamwork and Collaboration.