

MINERALS PROCESSING OPERATOR

MODULE 1: POLICIES AND LEGISLATION

- Lesson 1 | Comply with Company Policies and Procedures
- Lesson 2 | Understand and Comply with Applicable Workplace Legislation and Regulations



2h 30 min

MODULE 2: WORK SAFELY

- Lesson 1 | Select, Use and Maintain Personal Protective Equipment (PPE)
- Lesson 2 | Practice and Maintain Good Housekeeping
- Lesson 3 | Identify and Respond to Workplace Hazards
- Lesson 4 | Manually Lift and Carry Materials
- Lesson 5 | Recognize Confined Space Work and Follow Policies and Procedures
- Lesson 6 | Work Around Mobile Equipment
- Lesson 7 | Work Around Stationary Equipment
- Lesson 8 | Work Around Water Hazards
- Lesson 9 | Work in Cramped and/or Awkward Conditions (or Limited Mobility)
- Lesson 10 | Prepare for Hot Work
- Lesson 11 | Recognize Authorized and Restricted Areas



15h 5 min

MINERALS PROCESSING OPERATOR

MODULE 3: SIGNS, BARRICADES, TRAFFIC, PLANS AND DRAWINGS



7h 5 min

- Lesson 1 | Recognize and Comply with Signage, Barricades, Audible Alarms and Equipment Light Indicators
- Lesson 2 | Install, Remove, Maintain and Store Signs and Barricades
- Lesson 3 | Recognize and Comply with Traffic Management Plans

MODULE 4: FIRE SAFETY



7h 35 min

- Lesson 1 | Be Prepared to Respond to Fires
- Lesson 2 | Extinguish Minor Fires
- Lesson 3 | Fire Prevention

MODULE 5: EMERGENCY SITUATIONS



8h 5 min

- Lesson 1 | Prepare for Emergency Situations and Conditions
- Lesson 2 | Comply with Workplace Hazardous Materials Information Systems (WHMIS)
- Lesson 3 | Participate in Safety Programs
- Lesson 4 | Understand, Respond to and Report Emergencies

MODULE 6: ENERGY SOURCES



2h

- Lesson 1 | Lock Out, Tag, Deenergize and Test Equipment
- Lesson 2 | Work Around Energy Sources

MINERALS PROCESSING OPERATOR

MODULE 7: WORKING AT HEIGHTS



8h 35 min

- Lesson 1 | Identify, Inspect and Store Fall Protection Systems
- Lesson 2 | Use Personal Fall Arrest System
- Lesson 3 | Use Portable Ladders
- Lesson 4 | Work on Scaffolds and Raised Platforms

MODULE 8: COMMUNICATION



13h 10 min

- Lesson 1 | Listen Actively
- Lesson 2 | Speak Clearly and Concisely
- Lesson 3 | Use Communication Devices
- Lesson 4 | Convey Message Using Signals
- Lesson 5 | Use Workplace Technologies
- Lesson 6 | Complete Workplace Documentation

MODULE 9: BE PROFESSIONAL



8h 15 min

- Lesson 1 | Work in a Team Environment
- Lesson 2 | Work in a Culturally Diverse Environment
- Lesson 3 | Maintain Good Community Relations
- Lesson 4 | Demonstrate High Standards of Conduct

MINERALS PROCESSING OPERATOR

MODULE 10: EQUIPMENT KNOWLEDGE

Lesson 1 | Demonstrate Equipment Knowledge

Lesson 2 | Working with Mobile Equipment

Lesson 3 | Work with Stationary Equipment



3h 55 min

MODULE 11: PROTECT THE ENVIRONMENT

Lesson 1 | Comply with Environmental Policies, Procedures and Permits

Lesson 2 | Apply Spill Containment Measures

Lesson 3 | Manage Waste

Lesson 4 | Manage Fuels and Other Hazardous Materials

Lesson 5 | Respond to Spills



8h 40 min

MODULE 12: OPERATE SUPPORT EQUIPMENT

Lesson 1 | Operate Light or Service Vehicle

Lesson 2 | Operate Skid Steer

Lesson 3 | Operate Forklift

Lesson 4 | Operate Pumps



5h 40min

MODULE 13: USE HAND AND POWER TOOLS

Lesson 1 | Demonstrate Hand and Power Tool Knowledge



2h

MINERALS PROCESSING OPERATOR

MODULE 14: CONDUCT LIFTING OPERATIONS



3h 25 min

- Lesson 1 | Plan Lift
- Lesson 2 | Set Up Lift
- Lesson 3 | Rig and Secure Load
- Lesson 4 | Test and Make the Lift
- Lesson 5 | Dismantle and Store Lifting Equipment

MODULE 15: OPERATE PROCESSING EQUIPMENT



12h 35 min

- Lesson 1 | Operate Crusher
- Lesson 2 | Operate Feeders
- Lesson 3 | Operate Screen
- Lesson 4 | Operate Conveyor
- Lesson 5 | Operate Mills
- Lesson 6 | Operate Size Classifiers
- Lesson 7 | Operate Flotation Equipment
- Lesson 8 | Operate Filtration Systems
- Lesson 9 | Handle Final Product
- Lesson 10 | Move and Assemble Pipes
- Lesson 11 | Inspect and Maintain Hoses

MINERALS PROCESSING OPERATOR

MODULE 16: HANDLE REAGENTS

Lesson 1 | Use Chemicals Safely



1h



109h 35 min