

# UNITED SAFETY SOLUTIONS

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## **MSHA PART 48 - NEW MINER TRAINING**

### MSHA 48B - SURFACE MINERS / SURFACE MINING CONTRACTORS

Course: 24 Hours Instruction

Hours: 24 Class Room

Hours: Field Instruction

Regulation Title 30 CFR - Part 48B

Prerequisites:

Fee:

CE Credits:

Our New Miner Training provides 24 hours of MSHA Part 48B compliance training. MSHA Part 48B is for workers on the Surface of an Underground Mine - NOT UNDERGROUND MINING. Federal compliance requires a comprehensive and effective curriculum for new miners in a surface mining environment to develop good judgment and safe work habits for years of safe mining. The Surface Miner Training curriculum parallels the required and suggested topics outlined in the Part 48B federal regulations addressing miner training.

### **United Safety Solutions Course Covers:**

Key elements of the MSHA New Miner Training course, Title 30 CFR, Part 48B

### **Introduction to the Mining Environment**

Includes, but is not limited to:

- Definition of mining - Surface mining development, operations, and reclamation
- Physical characteristics of a surface mine and the surface of an underground mine
- Typical surface mining equipment

### **Hazard Recognition and Avoidance:**

- Overview of common hazards relating to surface mining operations and general steps to avoid them. Hazards are those which result in property damage, illness, serious injury, or death.
- Environmental hazards - Equipment hazards - Physical hazards - Chemical hazards

### **Emergency Procedures:**

Procedures to follow during an emergency situation in a mine site including, but not limited to:

- Types of emergencies
- Emergency procedures
- Fire and firefighting procedures
- Warning signals, evacuation, and reporting



## **Health and Safety Aspects of Tasks and Operations:**

Highlights best practices for tasks and operations common to surface mines, including, but not limited to:

- Preventing accidents
- Working around equipment
- Maintaining and repairing equipment
- Working in a confined space
- Working on or near water
- Working at night
- Working with chemicals
- Working with electricity
- Working with explosives

## **Hazard Reporting Rules and Procedures:**

Outlines the general process for reporting hazardous conditions as well as immediately reportable accidents and injuries.

## **Statutory Rights of Miners:**

Outlines the rights of miners and their representatives as granted by the Federal Mine Safety and Health Act of 1977.

## **The Line of Authority:**

General line of authority and responsibilities of supervisors and miners' representatives as well as role and responsibility of designated safety personnel.

## **Respiratory Devices:**

Information on the proper use and maintenance of the types of respirators commonly used at surface mining operations, including, but not limited to:

- Respirators - Escape respirators - Self-contained self-rescuers

## **First Aid:**

Functional understanding of common health conditions, injuries, and emergencies. First aid is taught for:

- All situations - Emergencies - Common injuries

## **Certification:**

Successful completion requires 80% on both classroom and practical skills.

Upon successful completion, participants receive a 5000-23 certificate, documentation to satisfy MSHA.