

MSHA PART 46/48 USS - New Miner Training Agenda

All New Miners must receive no less than 24 hours of training. Part 48 New Miners need to be trained by an MSHA approved instructor. MSHA training may consist of games, videos, lectures, tests, discussion, hands on skills, other skilled speakers, and/or a mine tour.

DAY 1 MSHA REGULATIONS - Update and Overview

Safety and Health Regulations Relevant to Mining Operations 90 - 120 Minutes

- What's new for MSHA this year
- Navigating the MSHA Website
- MDRS (Citations in your state at your mines)
- Top 20 Citations/Violations Review
- Miners Rights
- Introduction to the work environment

SAFETY

Hazard Awareness Training-Review /Task Training 60 - 120 Minutes

- Recognition & avoidance of Hazards that may affect the miner's Health & Safety
- What is Task Training (Filling out the proper Task Training form)
- Fatalities

ACCIDENT PREVENTION

Accident Prevention - Determine Means of Minimizing or Eliminating Hazards 60 - 120 Minutes

- Operating speeds/control
- Work on power circuits
- Brake performance
- Repair and maintenance
- Seat belts
- Machine, equipment and tools
- Parking procedures
- Safety belts and lines
- Suspended loads
- Barricades and warning signs
- Ground support

Machinery and Equipment Service - Repair - Maintenance 30 -120 Minutes

- Recognition and Avoidance of Electrical Hazards
- Authorized and Affected Employees
- Other Forms of Hazardous Energy
- Lockout / Tagout Procedures
- Limitations of Tags

DAY 2

Hazard Communication Standard - Employee Right-To-Know-Review 30 - 60 Minutes

- HAZCOM and GHS
- Labels
- SDS

Machinery Guarding-Review **30 - 60 Minutes**

- Construction of Guards
- Proper Maintenance Safety Procedures
- Working Around Moving Objects

Fall Protection - Review **30 - 45 Minutes**

- Anchor point
- Body wear
- Connecting devices

Ground Control-Review **30 - 120 Minutes**

- Recognition and Avoidance of Unsafe Conditions
- Highwalls
- Water Hazards
- Pits
- Stockpile
- Spoil-banks
- Berms

Transportation Controls and Communication System **90 - 120 Minutes**

- Hazard Recognition
- Conveyor Safety
- Haul Trucks
- Defensive Driving
- Signage
- Pre/Post Shift Inspection
- Traffic Pattern and Control
- Material Handling-Rigging-Load Securement
- Operation of Earth-Moving Equipment

Communication on A Mine Site **30 - 60 Minutes**

- Communication Game and Discussion

Escape and Emergency Evacuation Plans - Review mine escape system **30 - 60 Minutes**

- Companies responsibility in discussing changes at mine sites
- Emergency Evacuation Plans
- Fire Warning and Fire Fighting Procedures
- Severe Weather, i.e., tornadoes
- Explosives (When used or stored at the mine)

DAY 3 HEALTH - Mandatory Health and Safety Standards

Recognition, Evaluation, and Treatment of the following **30 - 60 Minutes**

- Self-Rescue, Respiratory Devices and Fit Testing
- Dust-Silicosis

Proper Lifting-Review **30 - 45 Minutes**

- Lifting Techniques

Occupational Noise Exposure **30 - 60 Minutes**

- Noise Monitoring
- Engineering Controls
- Hearing Protection
- TWA's
- Audiometric Testing

First Aid - 56.18010**90 - 240 Minutes**

- Scene Safety /Patient Assessment
- Airway Obstruction
- CPR
- Circulation
- Control Bleeding
- Shock Management
- Care of Burns
- Heat/Cold Emergencies
- Care of Wounds
- Musculoskeletal Injuries
- Medical Emergencies

Summary, Evaluation and paperwork**30 Minutes**

Part 46: You will receive an MSHA wallet card a first aid card and the required MSHA certificate.

Part 48: You will receive a 5000-23 form, you will keep all three copies, we keep the green one for our records. You will also receive a first aid card.