

Online Safety Training for the Mining Industry



Ensure that your miners have the knowledge and skill to work safely and efficiently at surface mine sites. RedVector training fulfills requirements set by the Mine Safety and Health Administration (MSHA) and covers mine hazards, miner's rights and responsibilities, emergency procedures, self-rescue and respiratory devices, moving machine parts and more.

Available Safety Courses:

- MSHA New Miner Training, Part 1 - Site Entry (4-Hour)
- MSHA New Miner Training, Part 2 - General Safety and Health (4-Hour)
- MSHA 2017 Mine Safety and Health Refresher (8-Hour)

MSHA Training Requirements

- Mine operators and/or independent contractors must provide no less than 4 hours of training to new miners before they enter a mine site
- Mine operators and/or independent contractors must provide 24 hours of training within 90 days of when a new miner starts work
- A miner must receive 8 hours of health and safety refresher training, a minimum of every 12 months



Since 2006, mining industry **injuries have steadily declined from 7,988 to 4,517** (or 1.7 injuries per 100 full-time equivalent employees), **thanks in large part to improved safety training and hazard awareness**, according to the National Institute for Occupational Safety and Health (NIOSH)

The following training courses can be used to meet MSHA requirements

(Title 30 of the Code of Federal Regulations, Part 46)

MSHA New Miner Training, Part 1 - Site Entry (4-Hour)

LEARNING OBJECTIVES

Following this training the worker will learn:

- Some basics of what to expect in a mine environment
- How to be safe and healthy around some common hazards found at a mine
- General emergency actions common to surface mining operations
- Your rights as a miner with regard to safety and health
- The roles and responsibilities of supervisors and miner's representatives
- Rules and procedures for reporting hazards

MSHA New Miner Training, Part 2 - General Safety and Health (4-Hour)

LEARNING OBJECTIVES

With this training, a worker will learn important principles for working at a surface mine with regard to:

- The mine environment
- General procedures for common emergencies, including fire prevention and control
- First aid methods
- Self-rescue devices and respirators
- Staying safe and healthy around the hazards of silica dust, welding and cutting, hazardous energies (including electrical energy), confined spaces, conveyors, and moving machine parts

Who Should Take These Courses?

These Mining Industry online courses are intended for those who work, or intend to work at a surface mine site, such as a mine for sand, gravel, or crushed stone, including:

- Mine operator employees who have never worked in a mine
- Contractor employees who have never worked in a mine
- Experienced miners who have started work for a new employer or contractor and need to supplement their training

MSHA 2017 Mine Safety and Health Refresher (8-Hour)

LEARNING OBJECTIVES

Following this training the worker will learn:

- Basics of the mine environment
- Staying safe and healthy around some common hazards found at a mine
- General procedures for common emergencies, including fire prevention and control
- Miner's rights with regard to health and safety
- The roles and responsibilities of supervisors and miners' representatives
- Rules and procedures for reporting hazards
- A review of first aid methods
- Self-rescue devices and respirators
- The hazards of silica
- Awareness of hazardous energies, and the hazards of confined spaces and conveyors
- Machine guarding

Who Should Take This Course?

Miners, supervisors, managers, mine operators, miners' representatives, and subcontractors who require this annual refresher training as specified by MSHA