



07/01/2026

Daniel Schmutz
MSHA Safety Services
PO Box 1264
Mountain View, WY 82939

Re: 48 (a)(b) Training Plan
Cooperative Trainer

Dear Mr. Schmutz:

The training plans filed per the provisions of 30 CFR Part 48 Subparts A and B (Underground, Surface) have been reviewed and approved. To complete New Miner or Experienced Miner training, a site tour at a seven-digit mine ID is REQUIRED.

To maintain approved status, you will be required to submit your approved training plan to the Denver District Manager for an administrative review three years from the effective date stamped on this training plan. Submitting your training plan within 60 days of that expiration date will ensure a timely reply.

MSHA is requesting that all operators and contractors notify the District Office (zzmssha-rm-training-notifications@dol.gov) at least 14 days prior to any scheduled "Annual Refresher" training, as per MSHA regulation 30 CFR 48.23(e), and 48.3(e).

Any future changes or revisions to your approved training plan must be submitted to and approved by the District Manager.

Sincerely,

Nickolas Gutierrez

Digitally signed by Nickolas
Gutierrez
Date: 2026.07.01 08:35:11 -06'00'

Nick A. Gutierrez
District Manager
Denver District, MSHA

Enclosures

Part 48 Training Program

Optional Training Plan Format

Metal/Nonmetal Underground Mines

General Information - Part 48(a)

Company and mine (if applicable) names

ID: C1661
Company Name: MSHA Safety Services
Street/P.O. Box: 1264
City: Mountain View
State: WY
Zip Code: 82939
Country: USA

Person responsible for health and safety training at the mine

Name: Daniel Schmutz
Title: President
Phone Number: (307) 705-2106
Email: dj@mshasafety-services.com

MSHA approved instructors and courses each is qualified to teach

Name: Daniel Schmutz
MIIN: M85448916
Course Code(s): IU-ALL, IS-ALL
Name: Kim Redding
MIIN: M41727267
Course Code(s): IU-ALL, IS-ALL
Name: Jennifer Padgett
MIIN: M94413221
Course Code(s): IS-ALL, IU-ALL
Name: Steven Gravley
MIIN: M72585269
Course Code(s): MR-ALL, FA-ALL, IS-ALL, MS-ALL, IN-ALL, IU-ALL, AN-ALL
Name: Tim Garrett Jr
MIIN: M79691873
Course Code(s): IS-ALL, IU-ALL
Name: Michele Santos-Cranford
MIIN: M06186655
Course Code(s): IS-ALL, IU-ALL, MM-ALL
Name: Genalee Jones
MIIN: M20215587
Course Code(s): IS-ALL, IU-ALL, MM-ALL
Name: Ronald Lindsay
MIIN: M16549719
Course Code(s): IU-ALL, IS-ALL
Name: Jeff Plummer
MIIN: M72582627
Course Code(s): IS-ALL, IU-ALL
Name: Daniel Glowatz
MIIN: M39439070

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USDOL-MSHA-MNM
Denver District Manager

Course Code(s): IS-ALL, IU-ALL

Location(s) where training will be given

New Miner Training:	Minesite / Offsite
Experienced Miner Training:	Minesite / Offsite
Task Training:	Minesite / Offsite
Annual Refresher Training:	Minesite / Offsite
Hazard Training:	Minesite / Offsite

Number of miners and trainees

Approximate number of miners employed:	1
Maximum number of trainees per training session:	35

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New Miner Training Program - Part 48.5

Each new miner will receive no less than 40 hours of training as prescribed in this section. Approximately 8 hours of training will be given at the mine site.

Section 48.5(b) Subjects

Applicable

1. Statutory rights of miners and their representatives under the Act; authority and responsibility of supervisors [§ 48.5(b)(1)]
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Teaching Methods:	Audio / video, Computer, Discussion, Lecture, Live Virtual Instructor Led
Course Materials:	1977 Mine Act, Applicable regulations, MSHA, Company, Company rules
Evaluation Methods:	Oral feedback, Written feedback

2. Self-rescue and respiratory devices [§ 48.5(b)(2)]
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Teaching Methods:	Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials:	Company, Applicable regulations, MSHA, Vendor / manufacturer, Training devices
Evaluation Methods:	Donning device, Fit test, Oral feedback, Observation, Written feedback

3. Entering and leaving the mine; transportation; communications [§ 48.5(b)(3)]
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Teaching Methods:	Lecture, Demonstration, Audio / video, Discussion, Live Virtual Instructor Led
Course Materials:	Warning signals / directional signs, Mine communication systems, Check-in/check-out procedures, Applicable regulations, MSHA, Mine map, Company, Mine conveyances
Evaluation Methods:	Oral feedback, Observation, Written feedback

4. Introduction to work environment [§ 48.5(b)(4)]

Teaching Methods:	Site tour, Audio / video, Discussion, Lecture
Course Materials:	Applicable regulations, Company, Vendor / manufacturer, MSHA
Evaluation Methods:	Oral feedback, Observation, Written feedback

5. Mine map; escapeways; emergency evacuation; barricading [§ 48.5(b)(5)]
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Teaching Methods:	Demonstration, Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials:	Escapeway system, Escape, firefighting, and emergency evacuation plan, Mine map, MSHA, Firefighting equipment, Applicable regulations, Barricading (where applicable), Company
Evaluation Methods:	Observation, Oral feedback, Written feedback

6. Roof or ground control and ventilation plans [§ 48.5(b)(6)]

Teaching Methods:	Discussion, Audio / video, Lecture, Live Virtual Instructor Led
Course Materials:	Company, Applicable regulations, MSHA, Extended cut plan, Roof or ground control plans, Vendor / manufacturer, Ventilation plan
Evaluation Methods:	Oral feedback, Written feedback

7. Health [§ 48.5(b)(7)]

Teaching Methods:	Lecture, Discussion, Demonstration, Audio / video, Live Virtual Instructor Led
Course Materials:	Dosimeters, Company, Applicable regulations, 1977 Mine Act, Dust control plan, Warning labels, Protective equipment, Health control plan, Material safety data sheets (MSDS), MSHA
Evaluation Methods:	Observation, Oral feedback, Written feedback

8. Cleanup; rock dusting [§ 48.5(b)(8)]

Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Rock dusting equipment, Mine cleanup plan, MSHA
Evaluation Methods: Oral feedback, Written feedback

9. Hazard recognition [§ 48.5(b)(9)]

Teaching Methods: Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Blasting procedures, Vendor / manufacturer, Company, MSHA
Evaluation Methods: Oral feedback, Written feedback

10. Electrical hazards [§ 48.5(b)(10)]

Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, Lockout devices, MSHA
Evaluation Methods: Oral feedback, Written feedback

11. First aid [§ 48.5(b)(11)]

Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA, First aid supplies
Evaluation Methods: Observation, Oral feedback, Written feedback

12. Mine gases [§ 48.5(b)(12)]

Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA, Gas detection equipment
Evaluation Methods: Observation, Oral feedback, Written feedback

13. Health and safety aspects of the tasks to which the new miner will be assigned [§ 48.5(b)(13)]

Teaching Methods: Demonstration, Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Company, Applicable regulations, HazCom program, Vendor / manufacturer, Safe work procedures, Material safety data sheets (MSDS), MSHA, Protective equipment
Evaluation Methods: Observation, Oral feedback, Written feedback

Experienced Miner Training Program - Part 48.6

Each experienced miner will receive the training prescribed in this section before beginning work duties. When an experienced miner returns to mining after an absence of 5 years or more, the miner will receive at least 8 hours of training.

Section 48.6(b) Subjects

Applicable

1. Introduction to work environment [§ 48.6(b)(1)]

Teaching Methods:	Audio / video, Site tour, Discussion, Lecture
Course Materials:	Company, Applicable regulations, Mine equipment, Vendor / manufacturer, MSHA, Mine map
Evaluation Methods:	Observation, Oral feedback, Written feedback

2. Mandatory health and safety standards [§ 48.6(b)(2)]

Teaching Methods:	Audio / video, Demonstration, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials:	Applicable regulations, Company, Vendor / manufacturer, MSHA, Mine act
Evaluation Methods:	Observation, Oral feedback, Written feedback

3. Authority and responsibility of supervisors and miners' representatives [§ 48.6(b)(3)]

Teaching Methods:	Discussion, Audio / video, Lecture, Live Virtual Instructor Led
Course Materials:	Company, Applicable regulations, Company organization chart, MSHA, Company reporting procedures for hazards, Mine act
Evaluation Methods:	Oral feedback, Written feedback

4. Entering and leaving the mine; transportation; communications [§ 48.6(b)(4)]

Teaching Methods:	Discussion, Demonstration, Audio / video, Lecture, Live Virtual Instructor Led
Course Materials:	Warning signals / directional signs, Mine communication systems, Check-in/check-out procedures, Applicable regulations, MSHA, Mine map, Company, Mine conveyances
Evaluation Methods:	Oral feedback, Observation, Written feedback

5. Mine map; escapeways; emergency evacuation; barricading [§ 48.6(b)(5)]

Teaching Methods:	Demonstration, Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials:	Escapeway system, Escape, firefighting, and emergency evacuation plan, Mine map, MSHA, Firefighting equipment, Applicable regulations, Barricading (where applicable), Company
Evaluation Methods:	Observation, Oral feedback, Written feedback

6. Roof or ground control and ventilation plans [§ 48.6(b)(6)]

Teaching Methods:	Discussion, Audio / video, Lecture, Live Virtual Instructor Led
Course Materials:	Company, Applicable regulations, Extended cut plan, Ventilation plan, MSHA, Roof or ground control plans, Vendor / manufacturer
Evaluation Methods:	Oral feedback, Written feedback

7. Hazard recognition [§ 48.6(b)(7)]

Teaching Methods:	Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials:	Applicable regulations, Blasting procedures, Vendor / manufacturer, Company, MSHA
Evaluation Methods:	Oral feedback, Written feedback

8. Prevention of accidents [§ 48.6(b)(8)]

Teaching Methods:	Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials:	Accident reports, Applicable regulations, Vendor / manufacturer, Company, MSHA
Evaluation Methods:	Oral feedback, Written feedback

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9. Emergency medical procedures [§ 48.6(b)(9)]

Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Emergency medical arrangements, Applicable regulations, Vendor / manufacturer, MSHA, Company
Evaluation Methods: Observation, Oral feedback, Written feedback

10. Health [§ 48.6(b)(10)]

Teaching Methods: Lecture, Discussion, Demonstration, Audio / video, Live Virtual Instructor Led
Course Materials: Dosimeters, Company, Applicable regulations, 1977 Mine Act, Dust control plan, Warning labels, Protective equipment, Health control plan, Material safety data sheets (MSDS), MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

11. Health and safety aspects of the tasks to which the experienced miner is assigned [§ 48.6(b)(11)]

Teaching Methods: Demonstration, Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Safe work procedures, Company, Vendor / manufacturer, Protective equipment, HazCom program, Material safety data sheets (MSDS), MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

12. Self-rescue and respiratory devices [§ 48.6(b)(12)]

Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Company, Applicable regulations, MSHA, Vendor / manufacturer, Training devices
Evaluation Methods: Donning device, Fit test, Oral feedback, Observation, Written feedback

New Task Training Program - Part 48.7

All training and supervised practice and operation required by this section will be given by a qualified trainer, or a supervisor experienced in the the assigned tasks, or other person experienced in the assigned task.

Section 48.7(a) Subjects/Tasks

These miners will not be allowed to perform new tasks without direction and immediate supervision until they have demonstrated safe work procedures to the operator or the operator's agent.

Miners assigned to new work tasks as mobile equipment operators, drilling machine operators, haulage and conveyor systems operators, roof and ground control machine operators, and in blasting operations.

If you have no miners with these tasks at your operation, select 'Not Applicable'.

Not Applicable

Section 48.7(c) Subjects/Tasks

Miners assigned a new task not covered in Section 48.7(a) will be instructed in the safety and health aspects and safe work procedures of the task, prior to performing such task.

Miners assigned to tasks not included in the prior section must be instructed in the safety and health aspects and safe work procedures of the task prior to performing the task.

If you have no miners with these tasks at your operation, select 'Not Applicable'.

Not Applicable

Section 48.7(d) Subjects/Tasks

These miners will receive and complete training in safe haulage procedures related to the haulage system, ventilation system, firefighting procedures, and emergency evacuation procedures in effect at the mine before assigned to such duties.

Miners assigned to control or direct haulage operations must be instructed in the safety and health aspects and safe work procedures of the task prior to performing the task.

If you have no miners with these tasks at your operation, select 'Not Applicable'.

Not Applicable

Annual Refresher Training Program - Part 48.8

Each miner will receive a minimum of 8 hours of annual refresher training. However, the time spent for each course may vary to meet specific needs, such as changes in mining conditions, accident history or other safety and health problems.

Section 48.8(b) Subjects

Applicable

Predicted time of year and training session length for the subjects listed below.

Predicted time of each session of refresher training is

Weekly

Predicted length of each session of refresher training is

From 00:30 to 08:00 [hrs:mins]

1. Mandatory health and safety standards [§ 48.8(b)(1)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Vendor / manufacturer, MSHA, Company
Evaluation Methods: Observation, Oral feedback, Written feedback

2. Transportation controls and communication systems [§ 48.8(b)(2)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Warning signals / directional signs, Vendor / manufacturer, Mine communication systems, MSHA
Evaluation Methods: Oral feedback, Observation, Written feedback

3. Barricading [§ 48.8(b)(3)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Barricading materials, MSHA, Mine emergency plan, Company
Evaluation Methods: Observation, Oral feedback, Written feedback

4. Roof or ground control, ventilation, emergency evacuation and firefighting plans [§ 48.8(b)(4)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Discussion, Audio / video, Lecture, Live Virtual Instructor Led
Course Materials: CO monitors, Applicable regulations, Company, Ventilation plan, MSHA, Roof or ground control plans, Vendor / manufacturer
Evaluation Methods: Oral feedback, Written feedback

5. First aid [§ 48.8(b)(5)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA, First aid supplies
Evaluation Methods: Observation, Oral feedback, Written feedback

6. Electrical hazards [§ 48.8(b)(6)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, Lockout devices, MSHA
Evaluation Methods: Oral feedback, Written feedback

7. Prevention of accidents [§ 48.8(b)(7)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Accident reports, Applicable regulations, Vendor / manufacturer, Company, MSHA
Evaluation Methods: Oral feedback, Written feedback

8. Self-rescue and respiratory devices [§ 48.8(b)(8)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Company, Applicable regulations, MSHA, Vendor / manufacturer, Training devices
Evaluation Methods: Donning device, Fit test, Oral feedback, Observation, Written feedback

9. Explosives [§ 48.8(b)(9)]

This subject is: Applicable
Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA
Evaluation Methods: Oral feedback, Written feedback

10. Mine gases [§ 48.8(b)(10)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA, Gas detection equipment
Evaluation Methods: Observation, Oral feedback, Written feedback

11. Health [§ 48.8(b)(11)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Lecture, Discussion, Demonstration, Audio / video, Live Virtual Instructor Led
Course Materials: Dosimeters, Company, Applicable regulations, 1977 Mine Act, Dust control plan, Warning labels, Protective equipment, Health control plan, Material safety data sheets (MSDS), MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

Section Total Minimum and Maximum Time

Section 48.8(b) Total Minimum: 02:45 [hrs:mins]
Section 48.8(b) Total Maximum: 11:00 [hrs:mins]

Program Total Minimum and Maximum Time

Total Minimum: 02:45 [hrs:mins]
Total Maximum: 11:00 [hrs:mins]

Hazard Training Program - Part 48.11

Miners or persons who are exposed to mine hazards and are not required to take new miner or experienced miner training as specified in Section 48.2(a)(2) will receive the following training prior to commencing work on mine property. The training will be given at least once every 12 months. Miners or persons subject to hazard training will be accompanied at all times while underground by an experienced miner. Experienced short-term contract workers, such as drillers or blasters, who received training under Section 48.6 may receive hazard training in lieu of more experienced miner training for each new mine employment.

Section 48.11(a) Subjects

Not Applicable

Part 48 Training Program

Optional Training Plan Format

Metal/Nonmetal Surface Mines

General Information - Part 48(b)

Company and mine (if applicable) names	
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ID:	C1661
Company Name:	MSHA Safety Services
Street/P.O. Box:	1264
City:	Mountain View
State:	WY
Zip Code:	82939
Country:	USA

Person responsible for health and safety training at the mine	
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Name:	Daniel Schmutz
Title:	President
Phone Number:	(307) 705-2106
Email:	dj@mshasafetysservices.com

MSHA approved instructors and courses each is qualified to teach	
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Name:	Daniel Schmutz
MIIN:	M85448916
Course Code(s):	IU-ALL, IS-ALL
Name:	Eubaldo Oliva III
MIIN:	M35486030
Course Code(s):	IS-ALL
Name:	Genalee Jones
MIIN:	M20215587
Course Code(s):	IS-ALL, IU-ALL, MM-ALL
Name:	Kim Redding
MIIN:	M41727267
Course Code(s):	IU-ALL, IS-ALL
Name:	Steven Gravley
MIIN:	M72585269
Course Code(s):	MR-ALL, FA-ALL, IS-ALL, MS-ALL, IN-ALL, IU-ALL, AN-ALL
Name:	Rosendo Campos
MIIN:	M73226278
Course Code(s):	IS-ALL
Name:	Jenifer Padgett
MIIN:	M94413221
Course Code(s):	IS-ALL, IU-ALL
Name:	Tim Garrett Jr
MIIN:	M79691873
Course Code(s):	IS-ALL, IU-ALL
Name:	Michele Santos-Cranford
MIIN:	M06186655
Course Code(s):	IS-ALL, IU-ALL, MM-ALL
Name:	Ron Jaramillo
MIIN:	M32424844

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Course Code(s): IS-ALL
Name: Daniel Glowatz
MIIN: M39439070
Course Code(s): IS-ALL, IU-ALL
Name: Ronald Lindsay
MIIN: M16549719
Course Code(s): IU-ALL, IS-ALL
Name: Gaylon Begay
MIIN: M09324961
Course Code(s): IS-ALL
Name: Kevin Rivera
MIIN: M00731044
Course Code(s): IS-ALL
Name: Jeff Plummer
MIIN: M72582627
Course Code(s): IS-ALL, IU-ALL

Location(s) where training will be given

New Miner Training:	Minesite / Offsite
Experienced Miner Training:	Minesite / Offsite
Task Training:	Minesite / Offsite
Annual Refresher Training:	Minesite / Offsite
Hazard Training:	Minesite / Offsite

Number of miners and trainees

Approximate number of miners employed:	1
Maximum number of trainees per training session:	35

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New Miner Training Program - Part 48.25

Each new miner will receive no less than 24 hours of training as prescribed in this section.

Section 48.25(b) Subjects

Applicable

Request to train new miners after work assignment.

Do you request that part of new miner training be given after work assignment?

No

1. Statutory rights of miners and their representatives under the Act; authority and responsibility of supervisors [§ 48.25(b)(1)]

Teaching Methods: Audio / video, Computer, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: 1977 Mine Act, Applicable regulations, MSHA, Company, Company rules
Evaluation Methods: Oral feedback, Written feedback

2. Self-rescue and respiratory devices [§ 48.25(b)(2)]

This subject is: Applicable
Teaching Methods: Demonstration, Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, Training devices, MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

3. Transportation controls and communication systems [§ 48.25(b)(3)]

Teaching Methods: Demonstration, Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Company, Applicable regulations, Mine communication systems, Warning signals / directional signs, Vendor / manufacturer, MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

4. Introduction to work environment [§ 48.25(b)(4)]

Teaching Methods: Site tour, Audio / video, Discussion, Lecture
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA
Evaluation Methods: Oral feedback, Observation, Written feedback

5. Escape and emergency evacuation plans; firewarning and firefighting [§ 48.25(b)(5)]

Teaching Methods: Demonstration, Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Firewarning signals and firefighting procedures, Company, Vendor / manufacturer, MSHA, Escape and emergency evacuation plan, Mine escape system
Evaluation Methods: Oral feedback, Observation, Written feedback

6. Ground control; working in areas of highwalls, water hazards, pits and spoil banks; illumination and night work [§ 48.25(b)(6)]

Teaching Methods: Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, MSHA, Highwall plan, Ground control plan
Evaluation Methods: Oral feedback, Written feedback

7. Health [§ 48.25(b)(7)]

Teaching Methods: Lecture, Discussion, Demonstration, Audio / video, Live Virtual Instructor Led
Course Materials: Dosimeters, Company, Applicable regulations, 1977 Mine Act, Dust control plan, Warning labels, Protective equipment, Health control plan, Material safety data sheets (MSDS), MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

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8. Hazard recognition [§ 48.25(b)(8)]

Teaching Methods: Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Vendor / manufacturer, Company, MSHA
Evaluation Methods: Oral feedback, Written feedback

9. Electrical hazards [§ 48.25(b)(9)]

Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, Lockout devices, MSHA
Evaluation Methods: Oral feedback, Written feedback

10. First aid [§ 48.25(b)(10)]

Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA, First aid supplies
Evaluation Methods: Observation, Oral feedback, Written feedback

11. Explosives [§ 48.25(b)(11)]

This subject is: Applicable
Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA
Evaluation Methods: Oral feedback, Written feedback

12. Health and safety aspects of the tasks to which the new miner will be assigned [§ 48.25(b)(12)]

Teaching Methods: Demonstration, Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Safe work procedures, Company, Vendor / manufacturer, Protective equipment, HazCom program, Material safety data sheets (MSDS), MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

Experienced Miner Training Program - Part 48.26

Each experienced miner will receive the training prescribed in this section before beginning work duties. When an experienced miner returns to mining after an absence of 5 years or more, the miner will receive at least 8 hours of training.

Section 48.26(b) Subjects

Applicable

1. Introduction to work environment [§ 48.26(b)(1)]

Teaching Methods:	Audio / video, Site tour, Discussion, Lecture
Course Materials:	Company, Applicable regulations, Mine equipment, Vendor / manufacturer, MSHA, Mine map
Evaluation Methods:	Observation, Oral feedback, Written feedback

2. Mandatory health and safety standards [§ 48.26(b)(2)]

Teaching Methods:	Audio / video, Demonstration, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials:	Applicable regulations, Company, Vendor / manufacturer, MSHA, Mine act
Evaluation Methods:	Observation, Oral feedback, Written feedback

3. Authority and responsibility of supervisors and miners' representatives [§ 48.26(b)(3)]

Teaching Methods:	Discussion, Audio / video, Lecture, Live Virtual Instructor Led
Course Materials:	Company, Applicable regulations, Company organization chart, MSHA, Company reporting procedures for hazards, Mine act
Evaluation Methods:	Oral feedback, Written feedback

4. Transportation controls and communication systems [§ 48.26(b)(4)]

Teaching Methods:	Demonstration, Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials:	Company, Applicable regulations, Mine communication systems, Warning signals / directional signs, Vendor / manufacturer, MSHA
Evaluation Methods:	Observation, Oral feedback, Written feedback

5. Escape and emergency evacuation plans; firewarning and firefighting [§ 48.26(b)(5)]

Teaching Methods:	Discussion, Audio / video, Lecture, Site tour, Live Virtual Instructor Led
Course Materials:	Vendor / manufacturer, MSHA, Firewarning signals and firefighting procedures, Mine escape system, Escape and emergency evacuation plan, Applicable regulations, Company
Evaluation Methods:	Oral feedback, Observation, Written feedback

6. Ground control; working in areas of highwalls, water hazards, pits and spoil banks; illumination and night work [§ 48.26(b)(6)]

Teaching Methods:	Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials:	Applicable regulations, Company, MSHA, Highwall plan, Ground control plan
Evaluation Methods:	Oral feedback, Written feedback

7. Hazard recognition [§ 48.26(b)(7)]

Teaching Methods:	Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials:	Applicable regulations, Blasting procedures, Vendor / manufacturer, Company, MSHA
Evaluation Methods:	Oral feedback, Written feedback

8. Prevention of accidents [§ 48.26(b)(8)]

Teaching Methods:	Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials:	Accident reports, Applicable regulations, Vendor / manufacturer, Company, MSHA
Evaluation Methods:	Oral feedback, Written feedback

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9. Emergency medical procedures [§ 48.26(b)(9)]

Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Emergency medical arrangements, Applicable regulations, Vendor / manufacturer, MSHA, Company
Evaluation Methods: Observation, Oral feedback, Written feedback

10. Health [§ 48.26(b)(10)]

Teaching Methods: Lecture, Discussion, Demonstration, Audio / video, Live Virtual Instructor Led
Course Materials: Dosimeters, Company, Applicable regulations, 1977 Mine Act, Dust control plan, Warning labels, Protective equipment, Health control plan, Material safety data sheets (MSDS), MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

11. Health and safety aspects of the tasks to which the experienced miner is assigned [§ 48.26(b)(11)]

Teaching Methods: Demonstration, Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Safe work procedures, Company, Vendor / manufacturer, Protective equipment, HazCom program, Material safety data sheets (MSDS), MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

New Task Training Program - Part 48.27

All training and supervised practice and operation required by this section will be given by a qualified trainer, or a supervisor experienced in the the assigned tasks, or other person experienced in the assigned task.

Section 48.27(a) Subjects/Tasks

These miners will not be allowed to perform new tasks without direction and immediate supervision until they have demonstrated safe work procedures to the operator or the operator's agent.

Miners assigned to new work tasks as Mobile Equipment Operators, Drilling, Haulage, Ground Control, and Blasting Operations.

If you have no miners with these tasks at your operation, select 'Not Applicable'.

Not Applicable

Section 48.27(c) Subjects/Tasks

Miners assigned a new task not covered in Section 48.27(a) will be instructed in the safety and health aspects and safe work procedures of the task, prior to performing such task.

Miners assigned to tasks not included in the prior section must be instructed in the safety and health aspects and safe work procedures of the task prior to performing the task.

If you have no miners with these tasks at your operation, select 'Not Applicable'.

Not Applicable

Annual Refresher Training Program - Part 48.28

Each miner will receive a minimum of 8 hours of annual refresher training. However, the time spent for each course may vary to meet specific needs, such as changes in mining conditions, accident history or other safety and health problems.

Section 48.28(b) Subjects

Applicable

Predicted time of year and training session length for the subjects listed below.

Predicted time of each session of refresher training is

Weekly

Predicted length of each session of refresher training is

From 00:30 to 08:00 [hrs:mins]

1. Mandatory health and safety standards [§ 48.28(b)(1)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Vendor / manufacturer, MSHA, Company
Evaluation Methods: Observation, Oral feedback, Written feedback

2. Transportation controls and communication systems [§ 48.28(b)(2)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Warning signals / directional signs, Vendor / manufacturer, Mine communication systems, MSHA
Evaluation Methods: Oral feedback, Observation, Written feedback

3. Escape and emergency evacuation plans; firewarning and firefighting [§ 48.28(b)(3)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Discussion, Audio / video, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Firewarning signals and firefighting procedures, Company, Vendor / manufacturer, MSHA, Escape and emergency evacuation plan, Mine escape system
Evaluation Methods: Oral feedback, Observation, Written feedback

4. Ground control; working in areas of highwalls, water hazards, pits and spoil banks; illumination and night work [§ 48.28(b)(4)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture, Site tour, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, MSHA, Highwall plan, Ground control plan
Evaluation Methods: Oral feedback, Written feedback

5. First aid [§ 48.28(b)(5)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA, First aid supplies
Evaluation Methods: Observation, Oral feedback, Written feedback

6. Electrical hazards [§ 48.28(b)(6)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, Lockout devices, MSHA
Evaluation Methods: Oral feedback, Written feedback

7. Prevention of accidents [§ 48.28(b)(7)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Accident reports, Applicable regulations, Vendor / manufacturer, Company, MSHA
Evaluation Methods: Oral feedback, Written feedback

8. Health [§ 48.28(b)(8)]

Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Lecture, Discussion, Demonstration, Audio / video, Live Virtual Instructor Led
Course Materials: Dosimeters, Company, Applicable regulations, 1977 Mine Act, Dust control plan, Warning labels, Protective equipment, Health control plan, Material safety data sheets (MSDS), MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

9. Explosives [§ 48.28(b)(9)]

This subject is: Applicable
Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA
Evaluation Methods: Oral feedback, Written feedback

10. Self-rescue and respiratory devices [§ 48.28(b)(10)]

This subject is: Applicable
Approximate Time: From 00:15 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Live Virtual Instructor Led
Course Materials: Company, Applicable regulations, MSHA, Vendor / manufacturer, Training devices
Evaluation Methods: Fit test, Oral feedback, Observation, Written feedback

Section Total Minimum and Maximum Time

Section 48.28(b) Total
Minimum: 02:30 [hrs:mins]
Section 48.28(b) Total
Maximum: 10:00 [hrs:mins]

Program Total Minimum and Maximum Time

Total Minimum: 02:30 [hrs:mins]
Total Maximum: 10:00 [hrs:mins]

Hazard Training Program - Part 48.31

Miners or persons who are exposed to mine hazards and are not required to take new miner or experienced miner training as specified in Section 48.22(a)(2) will receive the following training prior to commencing work on mine property. The training will be given at least once every 12 months. Experienced short-term contract workers, such as drillers or blasters, who received training under Section 48.26 may receive hazard training in lieu of more experienced miner training for each new mine employment.

Section 48.31(a) Subjects

Not Applicable