

Mine I. D. No. H848

**PART 48 -- SUBPART B
TRAINING PLAN FOR
SURFACE EMPLOYEES**

Revised 2/19/04

TRAINING PLAN FOR SURFACE FACILITIES

PART 48 - SUBPART B

1. Company Name BROZELCO, INC. Mailing Address 229 DUNNVAULT DRIVE
City ROCKFORD State TN Zip Code 37853 Product ELECTRICAL CONTRACTOR
Mine Name CONTRACTOR MSHA ID No. H8478 Mine Location/County _____
2. Person responsible for Health and Safety Training at the mine:
Name STEVE DISNEY Position VICE PRESIDENT Telephone No. (845) 609-0700
3. MSHA Approved Instructors:
Name STEVE DISNEY SSN _____ Courses Approved to Teach ALL
TRAVIS TAYLOR ALL
STATE OF TN DEPT. OF LABOR ALL
4. Approximate number of surface employees at the mine: 15
5. Maximum number of employees attending each training session: 15
6. Location where training will be given: At the Mine, Mine Office, Plant, or other designated areas (Technical School) which
7. The predicted time or periods of time when regularly scheduled refresher training will be given: are conducted to learning
December
8. Length of each session: 8 Hours

Part 48.25 Training Program For New Miners

Subject (48.25)	Training Methods	Course Material	Evaluation Method(s)
Statutory rights of miners and their representatives under the Act; authority and responsibility of supervisors	Lecture, discussion, and audio visual aids	1977 Mine Act, MSHA's Guide to Miners Rights, Company Rules, and hazard reporting procedures	Oral and/or written questions
Self-rescue and respiratory devices	Lecture, discussion, and audio visual aids	MSHA training modules and applicable devices in use & training models	Oral and/or written questions and demonstrations
Transportation controls and communication systems	Lecture, discussion, and audio visual aids	Mine communication system, mine transportation system and controls	Oral and/or written questions
Introduction to work environment	Lecture, discussion, and audio visual aids	MSHA training modules, mine tour, and mining methods	Oral and/or written questions
Escape and emergency evacuation plans; fire warning and firefighting	Lecture, discussion, and audio visual aids	MSHA training modules, company emergency evacuation plan, fire warning signals, and firefighting procedures	Oral and/or written questions
Ground control; working in areas of highwalls, water hazards, pits, and spoil banks; illumination and night work	Lecture, discussion, and audio visual aids	MSHA training modules, ground control plan, written procedures for working in areas of highwalls, water hazards, and night illumination	Oral and/or written questions

Each new miner will receive no less than 24 hours of training as prescribed in Section 48.25.

Part 48.25 Training Program For New Miners (Contd.)

Subject (48.25)	Training Methods	Course Material	Evaluation
Health	Lecture, discussion, and audio visual aids	MSHA training modules, noise meters, dust pumps, health plans in effect at the mine, and personal protective equipment	Oral and/or written questions
Hazard recognition	Lecture, discussion, and audio visual aids	MSHA training modules, hazards present at mine, and blasting procedures	Oral and/or written questions
Electrical hazards	Lecture, discussion, and audio visual aids	MSHA training modules, training models of electrical equipment and lockout devices	Oral and/or written questions and demonstrations
First aid	Lecture, discussion, and audio visual aids	MSHA training modules and first aid equipment	Oral and/or written questions and demonstrations
Explosives	Lecture, discussion, and audio visual aids	MSHA training modules, explosive hazards, and deactivated samples of blasting material	Oral and/or written questions
Health and safety aspects of the tasks to which to new miner will be assigned including HazCom information	Lecture, discussion, audio visual aids, and demonstrations	MSHA training modules, applicable equipment/tools, and task training outline for job, general information on physical & health hazards of chemicals in work areas along with protective measures against these hazards; mine's HazCom program.	Oral and/or written questions and demonstrations

This training will consist of all 12 courses as specified in Part 48.25, except:

1. Course(s) added (list):

PART 48.25 TRAINING PROGRAM FOR NEW MINERS (Contd.)

A. Each new miner will receive no less than 24 hours of training as prescribed in section 48.25.

B. Request that part of New Miner Training be given after work assignment?

1. Yes No If yes, give justification _____

Consideration will only be given to the following factors: Mine size, mine safety, record, and rate of employee turnover.

2. Hours of training to be given before assignment to work duties: _____

(Minimum of 8)

N/A

a. All courses will be taught at the mine site by a MSHA approved instructor.

b. Courses to be covered during this pre-assignment training:

(1) Introduction to Work Environment (Required)

(2) Hazard Recognition (Required)

(3) Health and Safety Aspects of Task to be assigned (Required)

(4) Other (List): _____

Note: Miners who have not received the full 24 hours of new miner training shall be required to work under the close supervision of an experienced miner.

Part 48.26 Experienced Miner Training

Subject (48.26)	Training Methods	Course Material	Evaluation Method(s)
Introduction to the work environment	Lecture, discussion, and audio visual aids	Mine tour, mine map, and mine equipment	Oral and/or written questions
Mandatory health and safety standards	Lecture, discussion, and audio visual aids	MSHA training modules, Applicable Parts of Title 30 CFR	Oral and/or written questions
Authority and responsibility of supervisors and miners= representatives	Lecture, discussion, and audio visual aids	Organization chart and company procedures for reporting hazards and accidents, responsibilities of Supervisors and Miner Representatives	Oral and/or written questions
Transportation controls and communication systems	Lecture, discussion, and audio visual aids	Mine communication system, mine transportation controls, and company rules and policies, warning signals and directional signals	Oral and/or written questions
Escape and emergency evacuation plans; fire warning and firefighting	Lecture, discussion, and audio visual aids	Escape and emergency evaluation procedures, fire warning signals, and firefighting procedures	Oral and/or written questions
Ground controls; working in areas of highwalls, water hazards, pits, and spoil banks; illumination and night work	Lecture, discussion, and audio visual aids	MSHA training modules, ground control plan, written procedures for working in highwall areas, water hazard and night illumination	Oral and/or written questions
Hazard recognition	Lecture, discussion, and audio visual aids	List of hazards present at mine and blasting procedures	Oral and/or written questions

Part 48.26 Experienced Miner Training (Contd.)

Subject (48.26)	Training Methods	Course Material	Evaluation Method(s)
Prevention of accidents	Lecture, discussion and audio/video, other	MSHA training modules, company safety rules, and accident reports	Oral and/or written questions
Emergency medical procedures	Lecture, discussion, site tour, audio/video, other	Company mine map locating medical supplies and emergency communication system	Oral and/or written questions
Health	Lecture, demonstration, discussion, audio/video, other	MSHA training modules, noise meters, dust pumps, warning labels, MSDS, health plans in effect at the mine, and personal protective equipment	Oral and/or written questions and demonstrations
Health and safety aspects of the tasks to which the experienced miner is assigned including HazCom information*	Lecture, demonstration, discussion, audio/video, other	MSHA training modules, applicable equipment/tools, and task training outline for job, general information on physical & health hazards of chemicals in work areas along with protective measures against these hazards; mine's HazCom program	Oral and/or written questions and demonstrations

* Not necessary for miners who are required to receive task training (48.27)

This training will be taught as specified in Part 48.26.

Course(s) added (list):

PART 48.27 TASK TRAINING

**OUTLINE OF TRAINING PROCEDURE
FOR
NEW TASK TRAINING - SURFACE**

Miners Who Are Assigned to a New Task in Which They Have Had No Previous Experience Will Be Trained in the Safety and Health Aspects and Safe Work Procedures of the Task including HazCom information as Specified in Section 48.27 Prior to Performing Such Task. Such Training Will Include the Following:

TITLE: All Job Titles Listed on Attached Matrix
TASKS: As Listed on Attached Matrix

WHAT INSTRUCTOR WILL DO: Demonstrate and Discuss

1. Review company policy and rules with the trainee.
2. Give instruction in the health and safety aspects and safe operating procedures for work tasks, equipment or machinery.
3. Give instructions in safe operations procedures applicable to new or modified machines or equipment to be installed or put into operation in the mine which require new or different operating procedures.
4. Give instruction for all new tasks in the safety and health aspects and safe work procedures of the task, prior to performing such task, including information about the physical and health hazards of chemicals in the miner's work area, the protective measures a miner can take against these hazards, and the contents of the mine's HazCom program, prior to performing such task.

5. Give training in an on-the-job environment.

WHAT TRAINEE WILL DO:

1. Read company policies and rules applicable to the task.
2. Observe, listen to, and participate in all demonstrations and discussions.
3. Attain proficiency through supervised practice during non production or supervised operation during production.

EVALUATION: Demonstration and Oral Response

TITLES OF PERSONNEL CONDUCTING TRAINING:

Experienced Foreman, Superintendent, or Other Experienced Person.

NOTE: THE FOLLOWING PAGE (10) IS AN EXAMPLE OF A TASK TRAINING MATRIX DESIGNED TO GO WITH THE OUTLINE OF TRAINING PROCEDURES TO COMPLETE A TASK TRAINING PROGRAM. THIS PAGE IS FOR INFORMATION AND GUIDANCE IN PREPARING A MATRIX FOR YOUR OPERATION. A BLANK MATRIX IS INCLUDED ON PAGE 11 SO THAT YOU CAN LIST THE OCCUPATIONS AND TASKS AT YOUR OPERATION.

PART 48.27 TASK TRAINING (Contd.)

SURFACE	Bull Dozier Operator	Front End Loader Operator	Highwall Driller Operator	Truck Driver	Laborer	Repairman/Mechanic	Backhoe Operator	Road Grader Operator
Load Trucks		X		X			X	
Emerg. Maint. & Repairs	X	X	X	X		X	X	X
Test Electrical Equipment						X		
Rough Carpentry					X			
Maint. Drainage & Water					X		X	X
Use Hand Tools	X	X	X	X	X	X	X	X
Equipment Lock-Out						X		
Clean-up					X			
Operate Trucks				X				
Maint. Equip. & Mach.	X	X	X	X		X	X	X
Fuel Mobile Equipment	X	X	X	X	X		X	X
Lubricate Machinery	X	X	X	X		X	X	X
Install Parts & Equipment						X		
Weld, Brazes, etc.						X		
Electrical Repairs						X		
Operate Mobile Equipment	X	X	X	X		X	X	X
Pre/Post Operator Check Equipment	X	X	X	X		X	X	

Part 48.28 Annual Refresher Training Program - Surface
Annual Refresher Training Program will consist of all ten courses as specified in Section 48.28
Each miner shall receive a minimum of 8 hours of annual refresher training as prescribed in this Section

Subject (48.28)	Training Methods	Course Material	Evaluation	Time
Mandatory health and safety standards	Lecture, discussion, and audio visual aids	MSHA training modules, applicable parts of Title 30 CFR	Oral and/or written questions	½ to 1
Transportation controls and communication systems	Lecture, discussion, and audio visual aids	MSHA training modules company communication system, company transportation system, warning signals, and directional signs	Oral and/or written questions	¼ to ½
Escape and emergency evacuation plans; fire warning and firefighting	Lecture, discussion, and audio visual aids	MSHA training modules and company emergency plan, fire warning signals, and firefighting procedures	Oral and/or written questions	¼ to ½
Ground Control; working in areas of highwalls, water hazards, pits, and spoil banks; illumination and night work	Lecture, discussion, and audio visual aids	Ground Control Plan, written procedures for working in highwall areas, water hazards, and night illumination	Oral and/or written questions	¼ to 1
First Aid	Lecture, discussion, audio visual aids, and demonstrations	MSHA training modules, and first aid equipment	Oral and/or written questions and demonstrations	1½ to 2
Electrical hazards	Lecture, discussion, and audio visual aids	MSHA training modules, training models of electrical equipment, and lockout	Oral and/or written questions	¼ to ¾
Prevention of accidents	Lecture, discussion, and audio visual aids	MSHA training modules, company safety rules, and accident reports	Oral and/or written questions	1 to 2
Health	Lecture, discussion, and audio visual aids	Noise meter, dust pump, warning labels, MSDS, and health plans in effect	Oral and/or written questions	½ to 1
Explosives (where applicable)	Lecture, discussion, and audio visual aids	MSHA training modules, explosive hazards, and deactivated samples of blasting material	Oral and/or written questions	¼ to ½
Self-rescue and respiratory devices	Lecture, discussion, and audio visual aids	MSHA training modules, self-rescuers, and respirator training	Oral and/or written questions and demonstrations	¼ to 1

Minimum Total Time - 8 Hours

PART 48.31 HAZARD TRAINING - SURFACE

Subject (48.31)	Training Method	Course Material	Evaluation Method(s)
Hazard recognition and avoidance	Lecture, discussion, and/or reading checklist	Mine hazards and avoidance procedures, company rules and policies, and checklist if applicable	Oral and/or written questions
Emergency and evacuation procedures	Lecture, discussion, and/or reading checklist	Mine map and checklist, if applicable	Oral and/or written questions
Health and safety standards; safety rules and safe working procedures	Lecture, discussion, and/or reading checklist	Applicable parts of Title 30 CFR, company safety rules, and checklist, if applicable	Oral and/or written questions
Self-rescue and respiratory devices	Lecture, discussion, and/or reading checklist, Donning Procedures, Performance Method	Models of applicable equipment and devices, and checklist, if applicable	Oral and/or written questions, demonstrations

The Hazard Training Program will include the course of instruction as specified in Section 48.31 which is applicable to the duty of miners

Mine I. D. No. _____

4848

**PART 48 -- SUBPART A
TRAINING PLAN FOR
UNDERGROUND EMPLOYEES**

(Rev 2/19/04)

TRAINING PLAN FOR UNDERGROUND MINES

PART 48 - SUBPART A

1. Company Name BROZELCO, INC. Mailing Address 229 DUNAVANT DRIVE
City ROCKFORD State IN Zip Code 37853 Product ELECTRICAL CONTRACTOR
Mine Name CONTRACTOR MSHA ID No. H848 Mine Location/County _____

2. Person responsible for Health and Safety Training at the mine:

Name: STEVE HISNEY Position VICE PRESIDENT Telephone No.: (815) 609-0700

3. MSHA Approved Instructors:

<u>Name</u>	<u>SSN</u>	<u>Courses Approved to Teach</u>
<u>STEVE HISNEY</u>		<u>ALL</u>
<u>STATE OF IN DEPT OF LABOR</u>		<u>ALL</u>
_____		_____
_____		_____
_____		_____
_____		_____
_____		_____

4. Approximate number of underground employees at the mine: 15

5. Maximum number of employees attending each training session: 15

6. Location where training will be given: At the mine, mine office, plant, or other designated areas (Technical School)
which are conducive to learning.

7. The predicted time or periods of time when regularly scheduled refresher training will be given: DECEMBER

8. Length of each session: 8 Hours

Part 48.5 Training Program For New Miners - Underground

Subject (48.5)	Training Methods	Course Material	Evaluation Method(s)
Statutory rights of miners and their representatives under the Act; authority and responsibility of supervisors	Lecture, discussion and audio visual aids	MSHA training modules, MSHA's FMSHA Act of 1977, Guide to Miners Rights, company rules, and policies	Oral and/or written questions
Self-rescue and respiratory devices	Lecture, discussion, audio visual aids, and hands on demonstration (3+3 method)	MSHA training modules, SCSR training modules and applicable devices	Oral and/or written questions and hands-on demonstrations by trainee
Entering & leaving the mine; transportation controls and communication systems	Lecture, discussion, audio visual aids, and mine maps	MSHA training modules, check-in/check-out system and mine map	Oral and/or written questions and demonstrations
Introduction to work environment	Lecture, discussion, audio visual aids, and tour	MSHA training modules, mining methods, and tour of mine	Oral and/or written questions and demonstrations
Mine map; escapeways; and evacuation and barricading plans; escapeway system	Lecture, discussion, audio visual aids, and mine maps	MSHA training modules, mine map, mine evacuation plan, and fire fighting equipment	Oral and/or written questions
Roof or ground control and ventilation plans	Lecture, discussion, and audio visual aids	MSHA training modules, roof control plan, and ventilation plan	Oral and/or written questions
Health	Lecture, discussion, and audio visual aids	MSHA training modules, noise meter, dust pumps, warning labels, and personal protective equipment. MSDS, Health Plans in effect at mine.	Oral and/or written questions and demonstrations
Cleanup; rock dusting N/A	Lecture, discussion, and audio visual aids	MSHA training modules, rock dusting material and equipment, mine cleanup plan	Oral and/or written questions
Hazard recognition	Lecture, discussion, and audio visual aids	MSHA training modules, mine hazards and warning system for blasting	Oral and/or written questions

PART 48.5 TRAINING PROGRAM FOR NEW MINERS - UNDERGROUND (Contd.)

Subject (48.5)	Training Methods	Course Material	Evaluation Method(s)
Electrical Hazards	Lecture, discussion, and audio visual aids	MSHA training modules, training models of electrical equipment and lock out devices	Oral and/or written questions
First Aid	Lecture, discussion, audio visual aids, and demonstrations	MSHA training modules, first aid equipment, and manikin	Oral and/or written questions and demonstrations
Mine Gases	Lecture, discussion, audio visual aids, and gas detection devices	MSHA training modules, gas detection instruments used at mine	Oral and/or written questions and demonstrations
Health and safety aspects of the tasks to which to new miner will be assigned including HazCom information	Lecture, discussion, audio visual aids, demonstration, tour	MSHA training modules, applicable equipment/tools, and task training outline for job, general information on physical & health hazards of chemicals in work areas along with protective measures against these hazards; mine's HazCom program; MSDS.	Oral and/or written question and answer session, demonstrations of safe work procedures

Total training time will be at least 40 hours - a minimum of 8 hours of the training will be conducted at the mine site.

This training will consist of all 13 courses as specified in Section 48.5 except:

1. List courses added:

Part 48.6 Experienced Miner Training

Subject (48.6)	Training Methods	Course Material	Evaluation Methods
Introduction to the work environment	Lecture, discussion, audio visual aids, and tour	MSHA training modules, mine tour, mine equipment, and mining methods	Oral questions
Mandatory health and safety standards	Lecture, discussion, and audio visual aids	MSHA training modules and applicable parts of Title 30 CFR	Oral questions
Authority and responsibility of supervisors and miners' representatives	Lecture and discussion	Organizational chart, company rules, and hazard reporting procedures, responsibilities of Supervisors and Miners Representative	Oral questions
Entering and leaving the mine; transportation; communications	Lecture, discussion, and audio visual aids	Check-in/check-out system, mine transportation and communication system, warning signals and directional signals	Oral questions and demonstration by trainee
Mine map; escapeways; emergency evacuation; barricading	Lecture, discussion, and audio visual aids	Mine map, escapeway system, fire fighting plan, emergency evacuation plans	Oral questions
Roof or ground control and ventilation plans	Lecture, discussion, and audio visual aids	Roof Control Plan, Ventilation Plan	Oral questions
Hazard recognition	Lecture, discussion, and audio visual aids	Company safety manual, mine hazards	Oral questions

Part 48.6 Experienced Miner Training (Contd.)

Subject (48.6)	Training Methods	Course Material	Evaluation Method(s)
Prevention of accidents	Lecture, discussion, audio/video, other	MSHA training modules, company safety rules, and accident reports	Oral and/or written questions
Emergency medical procedures	Lecture, discussion, site tour, audio/video, other	Company mine map locating medical supplies and emergency communication system	Oral and/or written questions
Health	Lecture, demonstration, discussion, audio/video, other	MSHA training modules, noise meters, dust pumps, warning labels, MSDS, health plans in effect at the mine, and personal protective equipment	Oral and/or written questions and demonstrations
Health and safety aspects of the tasks to which the experienced miner is assigned including HazCom information *	Lecture, demonstration, discussion, audio/video, other	MSHA training modules, applicable equipment/tools, and task training outline for job, general information on physical & health hazards of chemicals in work areas along with protective measures against these hazards; mine's HazCom program; MSDS.	Oral and/or written questions and demonstrations
Self-rescue and respiratory devices	Lecture, discussion, audio visual aids, and hands on demonstration (3+3 method)	Posters, self-contained self-rescuer training models, PPE	Oral questions and hands-on demonstration by trainee

* Not necessary for miners who are required to receive task training (48.7)

Experienced miners will receive and complete training in the program of instruction prescribed in Section 48.6 before such miners are assigned to work duties.

This training will consist of all courses as specified in Section 48.6
 Course(s) added (list): _____

PART 48.7 TASK TRAINING **OUTLINE OF TRAINING PROCEDURE**
FOR
NEW TASK TRAINING - UNDERGROUND

Miners Who Are Assigned to a New Task in Which They Have Had No Previous Experience Will Be Trained in the Safety and Health Aspects and Safe Work Procedures of the Task including HazCom information as Specified in Section 48.27 Prior to Performing Such Task. Such Training Will Include the Following:

TITLE: All Job Titles Listed on Attached Matrix
TASKS: As Listed on Attached Matrix

WHAT INSTRUCTOR WILL DO: Demonstrate and Discuss

1. Review company policy and rules with the trainee.
2. Give instruction in the health and safety aspects and safe operating procedures for work tasks, equipment or machinery.
3. Give instructions in safe operations procedures applicable to new or modified machines or equipment to be installed or put into operation in the mine which require new or different operating procedures.
4. Give instruction for all new tasks in the safety and health aspects and safe work procedures of the task, prior to performing such task, including information about the physical and health hazards of chemicals in the miner's work area, the protective measures a miner can take against these hazards, and the contents of the mine's HazCom program, prior to performing such task.
5. Give training in an on-the-job environment.

WHAT TRAINEE WILL DO:

1. Read company policies and rules applicable to the task.
2. Observe, listen to, and participate in all demonstrations and discussions.
3. Attain proficiency through supervised practice during nonproduction or supervised operation during production.

EVALUATION: Demonstration and Oral Response

TITLES OF PERSONNEL CONDUCTING TRAINING:

Experienced Foreman, Superintendent, or Other Experienced Person.

NOTE: THE FOLLOWING PAGE (9) IS AN EXAMPLE OF A TASK TRAINING MATRIX
DESIGNED TO GO WITH THE OUTLINE OF TRAINING PROCEDURES TO COMPLETE A TASK
TRAINING PROGRAM. THIS PAGE (8) IS FOR INFORMATION AND GUIDANCE IN
PREPARING A MATRIX FOR YOUR OPERATION. A BLANK MATRIX IS INCLUDED ON PAGE
11 SO THAT YOU CAN LIST THE OCCUPATIONS AND TASKS AT YOUR OPERATION.

Job Titles

Task/Duties	Quarrier	Haul Truck Operator	Loader Operator	Blaster	Scaler	Driller	Mechanic Mine	Excavator Operator	Shovel/Haul Truck Operator
Equipment Inspection	X	X	X	X	X	X	X	X	X
Work Place Examination	X	X	X	X	X	X	X	X	X
Sealing Roof & Rib	X				X				
Gas Detection(NO2)	X		X		X	X			
Drilling	X					X			
Handling Explosives Face Prep/ Blasting	X			X				X	X
Machine Operation Checks/ Maintain Equipment	X	X	X	X	X	X	X	X	X
Material Handling	X	X	X	X	X		X		X
Operate Truck / Motorgrader / Escavator	X	X	X	X	X	X	X	X	X
Loading/Dumping	X	X	X	X	X		X	X	X
Housekeeping / Lubrication	X	X	X	X	X	X	X	X	X
Other Tasks as Specified	X	X	X	X	X	X	X	X	X

Part 48.8 Annual Refresher Training Program - Underground

Subject (48.8)	Training Methods	Course Material	Evaluation Method(s)	Time/Hours
Mandatory health and safety standards	Lecture, discussion, and audio visual aids	MSHA training modules, and standards related to task	Oral and/or written questions	½
Transportation controls and communication systems	Lecture, discussion, and audio visual aids	MSHA training modules, company rules relating to transportation, and communication systems	Oral and/or written questions	½
Barricading N/A	Lecture, discussion, and audio visual aids	MSHA training modules, mine emergency plans, storage of barricading material	Oral and/or written questions	½
Roof or ground control and ventilation plans	Lecture, discussion, and audio visual aids	Extended cut mining, Roof Control Plan, mine Ventilation Plan, Co Monitoring System, mine map	Oral and/or written questions	1
First aid	Lecture, discussion, audio visual aids, and demonstrations	MSHA training modules and first aid equipment	Oral and/or written questions and demonstrations	1 ½
Electrical hazards	Lecture, discussion, and audio visual aids	MSHA training modules, lockout devices, and training models of electrical equipment	Oral and/or written questions	½
Prevention of accidents	Lecture, discussion, and audio visual aids	MSHA training modules, mine accident reports, and company safety manual	Oral and/or written questions	1
Self-rescue and respiratory devices	Lecture, discussion, audio visual aids, and hands-on demonstration (3+3 method)	MSHA training modules and SCSR Training Models	Oral and/or written questions and hands-on demonstrations with appropriate SCSR models	1 *
Explosives	Lecture, discussion, and audio visual aids	MSHA training modules, written procedures for storage, transportation, and use	Oral and/or written questions	½
Mine Gases	Lecture, discussion, audio visual aids, gas detection devices & demonstration	MSHA training modules, gas detection instruments used at mine	Oral and/or written questions, evaluation demonstration	½
Health	Lecture, discussion, and audio visual aids	Noise meter, dust sampling pump, warning labels, MSDS, and health plans in effect at mine	Oral and/or written questions	½

*Time may vary due to the number of self-contained self-rescuer evaluations performed.
Each Miner shall receive a minimum of 8 hours of Annual Refresher Training as prescribed in this Section

Minimum Total Time - 8 Hours

Part 48.11 Hazard Training - Underground

Subject (48.11)	Training Methods	Course Material	Evaluation Method(s)
Hazard recognition and avoidance	Lecture, discussion, visual aids	Company safety rules, and policy for reporting hazards	Oral and/or written questions
Emergency and evacuation procedures	Lecture, discussion	Company policy, mine map, mine evacuation plan, and escapeway system	Oral and/or written questions
Health and safety standards; safety rules and safe working procedures	Lecture, discussion	Company safety rules, applicable parts of Title 30 CFR	Oral and/or written questions
Self-rescue and respiratory devices	Lecture, discussion, audio visual aids, and hands-on demonstration (3+3 method)	Models of applicable equipment and devices/outline	Oral and/or written questions and hands-on demonstration by trainee

The Hazard Training Program will include the course of instruction as specified in Section 48.11 which is applicable to the duty of miners.