

# PART 46 MINER TRAINING PROGRAM

NORTH CAROLINA DEPARTMENT OF LABOR  
MINE AND QUARRY BUREAU



**COMPANY:**

**MINE:**

**COUNTY:**

**Surface**

Direct Miner Training Plan:

**As per 30 CFR Part 46.3**

**This company intends to follow the training regulations as set forth in the Code of Federal Regulations Title 30, Part 46.3 dated October 1, 1999.**

\_\_\_\_\_  
**Production Operator/Independent Contractor name:**

\_\_\_\_\_  
Signature:

\_\_\_\_\_  
Title:

\_\_\_\_\_  
Date:

**COMPANY NAME:**

**MINE NAME:**

**ID#**

**MINE PRODUCT:**

**SIC#**

**MAILING ADDRESS:**

**TELEPHONE**

**SAFETY AND HEALTH DESIGNEE:**

**POSITION:**

**ADDRESS:**

**PERSON RESPONSIBLE FOR TRAINING:**

**TITLE:**

**NUMBER OF EMPLOYEES:**

**STATEMENT OF INTENT**

Under Section 115 of the Federal Mine Safety and Health Act of 1977, each operator is required to train miners so that job duties may be performed safely.

So that employees may benefit fully from the training experience, courses should be mine and/or job specific in nature. Course work that provides specific information is both beneficial and meaningful to employees and employers.

The training sessions will be conducted by certified MSHA instructors and/or persons designated by the production operator/independent contractor as competent [as per 46.2(b)] to teach. This company may request assistance from: state, federal agencies; associations or production operators or independent contractors; miners’ representatives; consultants; manufacturers’ representatives; private associations; educational institutions; or other training providers that can qualify under 46.2(b).

The following instructors and/or organizations will provide the required training.

Instructor/organization	Subject areas competent to instruct
1. <u>NC DOL Mine &amp; Quarry Bureau</u>	<u>New Miner, Newly Hired Experienced Miner, Annual Refresher</u>
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
9. _____	_____
10. _____	_____

**Note: All training must be conducted by a Competent Person and they shall be listed in this training plan as to what training and/or subjects they are competent to teach.**

**List others on a separate sheet of paper and attach it to this training plan.**

This mine reserves the right to substitute, as applicable, health and safety training required by the Occupational Safety and Health Administration (OSHA), or other federal or state agencies to meet requirements under this part. This training must be relevant to subjects required in part 46 and must be documented in accordance with 46.9 of this part. [as per 46.(c)]

This training may consist of classroom instruction at the mine, interactive computer-based instruction or other innovative training methods, alternative training technologies, or any combination of training methods. [as per 46.4(d)]

Employee health and safety meetings, including informal health and safety talks and instruction, may be credited under this part toward either new miner training, newly hired experienced miner training, or annual refresher training requirements. In such health and safety meetings only the portion of the session actually spent in training will be recorded in accordance with 46.9 of this part. [as per 46.4(e)]

### **TRAINING CATEGORIES AND TRAINING LOCATIONS**

Training for the following categories will be provided on or near the mine site:

- 46.5 New Miner
- 46.6 Newly Hired Experienced Miner
- 46.8 Annual Refresher Training

Training for the following categories will be provided on the mine site:

- 46.7 New Task Training
- 46.11 Site-specific Hazard Awareness Training

Training programs and requirements for each category are enclosed.

## CATEGORY: New Miner Training - 46.5

### **Time:**

Except as provided in paragraphs (f) and (g) of section 46.5, each new miner will be provided with no less than 24 hours of training as prescribed by paragraphs (b), (c), and (d) of section 46.5. Miners who have not yet received the full 24 hours of new miner training will work where an experienced miner can observe that the new miner is performing his or her work in a safe and healthful manner. **All times listed are approximate in duration. Task Training will be used to satisfy portions of this part as described in 46.7(e).**

### **Course of Instruction:**

The specific courses required under 30 CFR, Section 46.5(b) and additional mine specific courses will be taught to this category of miner. No less than four (4) hours of training in the following subjects, which must also address site-specific hazards, will be given before a new miner begins work at the mine. These courses include the following:

1. An introduction to the work environments; Hrs; \_\_\_
2. Instruction on the recognition and avoidance of electrical hazards and other hazards present at the mine, such as traffic patterns and control, mobile equipment and loose or unstable ground conditions; Hrs; \_\_\_
3. A review of the emergency medical procedures, escape and emergency evacuation plans in effect at the mine, and instruction on the firewarning signals and firefighting procedures; Hrs; \_\_\_
4. Instruction on the health and safety aspects of the tasks to be assigned, including the safe work procedures of such tasks, **the physical and health hazards of chemicals** and the mandatory health and safety standards pertinent to such tasks; Hrs; \_\_\_
5. Instruction on the statutory rights of miners and their representatives under the Act; Hrs; \_\_\_
6. A review and description of the line of authority of supervisors and miners' representatives and the responsibilities of such supervisors and miners' representatives; Hrs; \_\_\_
7. An introduction to company rules and procedures for reporting hazards; Hrs; \_\_\_

Within 60 calendar days after a new miner begins work at the mine each miner will be provided with training in the following subjects as per 46.5(c):

1. Instruction and demonstration on the use, care, and maintenance of self-rescue and respiratory devices, if used at the mine; Hrs; \_\_\_
2. A review of first aid methods; Hrs; \_\_\_

In accordance with 46.5(d) within 90 calendar days after a new miner begins work at the mine they will be provided with the balance, if any, of the 24 hours of training on any other subjects that promote occupational health and safety for miners at the mine.



## NEW MINER TRAINING PROGRAM

**4 Hours - Minimum**

Course Title	**Est. Time	Location	Conducted By	Teaching Method	Course Material	Evaluation
<u>Section 46.5(b)(1)</u> Introduction to the work Environment		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	Company Policy & Rules Maps & Plans Actual Equipment Visuals	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.5(b)(2)</u> Hazard Recognition and Avoidance		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	MSHA Manuals Company Policy & Rules Health & Safety Standards Visuals, Mine & Quarry Bureau Training Materials	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.5(b)(3)</u> Emergency Medical Procedures, Escape and Emergency Evacuation Plans, Firewarning Signals & Firefighting Procedures		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	Mine Maps, Emergency Phone List, First Aid Book, Evacuation Plan and Escape Routes	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.(b)(4)</u> Health & Safety Aspects of Assigned Tasks <b>including Physical and Health Hazards of Chemicals</b> & Mandatory Health & Safety Standards Warning and Firefighting		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	MSHA Manuals Company Policy & Rules, HazCom Program, Health & Safety Standards Visuals, Equipment Manuals (if applicable)	Written, Oral Testing Sequence and/or Job Performance





**NEW MINER TRAINING PROGRAM**  
**Surface**  
**Continued**

<b>Course Title</b>	<b>**Est. Time</b>	<b>Location</b>	<b>Conducted By</b>	<b>Teaching Method</b>	<b>Course Material</b>	<b>Evaluation</b>
<u>Section 46.5(b)(5)</u> Statutory Rights of Miners and Their Representatives Under the Act		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	MSHA Manuals Company Policy & Rules The Act Health & Safety Standards Visuals	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.5(b)(6)</u> Authority and Responsibilities of Supervisors and Miners' Representatives		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	MSHA Manuals Company Policy & Rules The Act Health & Safety Standards Visuals	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.5(b)(7)</u> Company Rules and Procedures for Reporting Hazards		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	Company Policy & Rules Health & Safety Standards Visuals	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.5(c)(1)</u> Respiratory Devices	If applicable	Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	Company Policy & Rules Health & Safety Standards Visuals Actual Equipment	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.5(c)(2)</u> First Aid Methods		Mine Site or Other Location as Needed	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	First Aid Manuals First Aid Equipment & Supplies Visuals	Written, Oral Testing Sequence and/or Job Performance

**CATEGORY: Newly Hired Experienced Miner Training - 46.6**

**Time:**

Except as provided in paragraph (f) of section 46.6, each newly hired experienced miner will be provided with training as prescribed by paragraphs (b), and (c) of section 46.6. **Part 46 does not specify a minimum length of time that must be devoted to this category of training. All times indicated are approximate in duration.**

**Course of Instruction:**

All courses required by 30 CFR, Section 46.6(b) will be taught before a newly hired experienced miner begins work at the mine. The following subjects, which also address site specific hazards, will be taught:

1. An introduction to the work environments; Hrs;\_\_\_
2. Instruction on the recognition and avoidance of electrical hazards and other hazards present at the mine, such as traffic patterns and control, mobile equipment and loose or unstable ground conditions; Hrs;\_\_\_
3. A review of the emergency medical procedures, escape and emergency evacuation plans in effect at the mine, and instruction on the firewarning signals and firefighting procedures; Hrs;\_\_\_
4. Instruction on the health and safety aspects of the tasks to be assigned, including the safe work procedures of such tasks, **the physical and health hazards of chemicals** and the mandatory health and safety standards pertinent to such tasks; Hrs;\_\_\_
5. Instruction on the statutory rights of miners and their representatives under the Act; Hrs;\_\_\_
6. A review and description of the line of authority of supervisors and miners' representatives and the responsibilities of such supervisors and miners' representatives; Hrs;\_\_\_
7. An introduction to company rules and procedures for reporting hazards; Hrs;\_\_\_

Within 60 calendar days after a new miner begins work at the mine each miner will be provided with training in the following subjects as per 46.6(c):

1. Instruction and demonstration on the use, care, and maintenance of self-rescue and respiratory devices, if used at the mine; Hrs;\_\_\_

This mine reserves the right as indicated in 46.6(d) to use practice under the close observation of a competent person to fulfill the requirement for training on the health and safety aspects of an assigned task in paragraph (b) (4) of this section, if hazard recognition training specific to the assigned task is given before the miner performs the task.



**NEWLY HIRED EXPERIENCED MINER TRAINING PROGRAM**  
**Surface**

<b>Course Title</b>	<b>**Est. Time</b>	<b>Location</b>	<b>Conducted By</b>	<b>Teaching Method</b>	<b>Course Material</b>	<b>Evaluation</b>
<u>Section 46.6(b)(1)</u> Introduction to the work Environment		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	Company Policy & Rules Maps & Plans Actual Equipment Visuals	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.5(b)(2)</u> Hazard Recognition and Avoidance		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	MSHA Manuals Company Policy & Rules Health & Safety Standards Visuals, Mine & Quarry Bureau Training Materials	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.5(b)(3)</u> Emergency Medical Procedures, Escape and Emergency Evacuation Plans, Firewarning Signals & Firefighting Procedures		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	Mine Maps, Emergency Phone List, First Aid Book, Evacuation Plan and Escape Routes	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.(b)(4)</u> Health & Safety Aspects of Assigned Tasks <b>including Physical and Health Hazards of Chemicals &amp; Mandatory Health &amp; Safety Standards</b> Warning and Firefighting		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	MSHA Manuals Company Policy & Rules Health & Safety Standards Visuals, Equipment Manuals (if applicable)	Written, Oral Testing Sequence and/or Job Performance

**NEWLY HIRED EXPERIENCED MINER TRAINING PROGRAM**  
**Surface**  
**Continued**

<b>Course Title</b>	<b>**Est. Time</b>	<b>Location</b>	<b>Conducted By</b>	<b>Teaching Method</b>	<b>Course Material</b>	<b>Evaluation</b>
<u>Section 46.6(b)(5)</u> Statutory Rights of Miners and Their Representatives Under the Act		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d) As Per 46.4(d)	MSHA Manuals Company Policy & Rules The Act Health & Safety Standards Visuals	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.6(b)(6)</u> Authority and Responsibilities of Supervisors and Miners' Representatives		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	MSHA Manuals Company Policy & Rules The Act Health & Safety Standards Visuals	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.6(b)(7)</u> Company Rules and Procedures for Reporting Hazards		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	Company Policy & Rules Health & Safety Standards Visuals	Written, Oral Testing Sequence and/or Job Performance
<u>Section 46.6(c)</u> Respiratory Devices		Mine Site	MSHA Approved Instructor or Competent Person Designated by the Operator	As Per 46.4(d)	Company Policy & Rules Health & Safety Standards Visuals Actual Equipment	Written, Oral Testing Sequence and/or Job Performance

CATEGORY: **New Task Training - 46.7**

**Time:**

**There is no minimum time requirement in this category of training.** *However, 46.3(b)(3) states that an approved training plan must contain an approximate time or a range of time to be spent on each subject area. The range of time stated for this subject area is a general starting point. Regardless of the range of time, sufficient training time must be spent so that the trainee is able to perform the task to the satisfaction of the operator or competent person. **Duration on time spent for each task will be recorded.***

**Course of Instruction:**

Training of miners assigned to new tasks for which they have no previous experience, or a change occurs in a miner's assigned task that affects the health and safety risks encountered by the miner, must include the following as listed in 30 CFR, Section 46.7.

1. Safety and Health Aspects, **(to include the physical and health hazards of chemicals)** and Safety Operating Procedures for Work Tasks, Equipment or Machinery (This training will be provided before the miner performs the new task); Hrs: \_\_\_\_\_
2. Practice - To be supervised by a competent person under close supervision either during light production or during non-production; (practice may be used to fulfill the requirement for task training under this section, if hazard recognition training specific to the assigned task is given before the miner performs the task.) Hrs: \_\_\_\_
3. Instruction on New or Modified Equipment or Machinery; Hrs: \_\_\_\_\_ and
4. Other courses (as might be required). Hrs:\_\_\_\_\_ As needed

*This mine reserves the right as indicated in 46.6(d) to use practice under the close observation of a competent person to fulfill the requirement for training on the health and safety aspects of an assigned task in paragraph (b) (4) of this section, if hazard recognition training specific to the assigned task is given before the miner performs the task.*

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Dropball / Crane Operator

**TASKS:** Responsible for - Pre/Post operation inspection, Fueling, Lubricating, Maintenance, Dropballing, Lifting.

**MATERIALS NEEDED:** Crane Operator's Manual, Company Policy for traffic rules and operation procedures, Non-production dropball crane, 30CFR and State standards for cranes/lifting, other technical publications as needed.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate fueling and lubricating procedures, Demonstrate machine safe operation for lifting, signaling, ball dropping procedures, traveling, swing area and other as needed, Review 30CFR and State standards for cranes/lifting, Demonstrate shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of safe crane operation for traveling, swinging, lifting, pre/post inspections, shut down and lockout, lubrication, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for lifting loads, raising and dropping ball, swinging, traveling, hand signals, raising and lowering boom, emergency procedures, starting and shutting down machine, locking out machine for maintenance, proper fueling and lubricating of machine as well as maintenance procedures, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through five (5) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience dropball/crane operator, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Shovel/Excavator operator

**TASKS:** Responsible for - Safe operation of the shovel and or excavator, proper fueling and lubrication of the machine, machine maintenance, loading trucks, pre/post operational inspections, and cleanup of the machine.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, Operator's manual, Nonproductive shovel/excavator.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate fueling and lubricating procedures, Demonstrate machine safe operation for loading trucks, traveling, swing area and other as needed, Review 30CFR and State standards for shovels/excavator, Demonstrate shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of safe machine operation for traveling, swinging, loading trucks, pre/post inspections, shut down and lockout, lubrication, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for loading trucks, swinging, traveling, hand signals, emergency procedures, starting and shutting down machine, locking out machine for maintenance, proper fueling and lubricating of machine as well as maintenance procedures, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through five (5) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience shovel/excavator operator, Supervisor/foreman



## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Haul Truck Driver

**TASKS:** Responsible for - Safe operation of the truck, proper fueling and lubrication of the truck, truck maintenance, proper hauling and dumping procedures, pre/post operational inspections, and cleanup of the truck.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, Operator's manual, Nonproductive truck.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate fueling and lubricating procedures, Demonstrate safe operation procedures for traveling and dumping loads, and other as needed, Review 30CFR and State standards for hauling/dumping, Demonstrate startup, shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of safe truck operation for hauling and dumping, pre/post inspections, startup, shut down and lockout, lubrication, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for hauling and dumping of loads, hand signals, emergency procedures, starting and shutting down truck, locking out truck for maintenance, proper fueling and lubricating of truck as well as maintenance procedures, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through four (4) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience truck operator, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Front-end loader operator/skid steer loader

**TASKS:** Responsible for - Safe operation of the loader, proper fueling and lubrication of the machine, machine maintenance, loading trucks and material handling, pre/post operational inspections, and cleanup of the machine.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, Operator's manual, Nonproductive front-end loader.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate fueling and lubricating procedures, Demonstrate machine safe operation for loading trucks, material handling, and other as needed, Review 30CFR and State standards for loaders and material handling, Demonstrate startup, shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of safe machine operation for traveling, material handling, and loading trucks, pre/post inspections, startup, shut down and lockout, lubrication, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for loading trucks, material handling, and traveling, hand signals, emergency procedures, starting and shutting down machine, locking out machine for maintenance, proper fueling and lubricating of machine as well as maintenance procedures, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through four (4) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience front-end loader/skid steer loader operator, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Dozer operator

**TASKS:** Responsible for - Safe operation of the dozer, proper fueling and lubrication of the machine, machine maintenance, pushing materials, pre/post operational inspections, and cleanup of the machine.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, Operator's manual, Non-productive dozer.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate fueling and lubricating procedures, Demonstrate machine safe operation for pushing up stockpiles, cutting grades, brushing, stripping, traveling, and other as needed, Review 30CFR and State standards for shovels/excavator, Demonstrate startup, shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of safe machine operation for traveling, pushing material, brushing, pre/post inspections, startup, shut down and lockout, lubrication, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for pushing material, brushing, cutting grades, traveling, hand signals, emergency procedures, starting and shutting down machine, locking out machine for maintenance, proper fueling and lubricating of machine as well as maintenance procedures, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through three (3) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience dozer operator, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Crusher/plant operator

**TASKS:** Responsible for - Safe crusher/plant operation, proper lubrication of crusher and plant equipment, maintenance, pre/post operational inspections, and general cleanup.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, Operator's manual for equipment, Nonproductive equipment.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and procedures, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate checking of lubricants and lubricating procedures, Demonstrate machine startup and safe operation procedures for conveyor belts, crushing, grinding, and sizing equipment, and other as needed, Review 30CFR and State standards for crusher/plant operations, Demonstrate shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for startup and operating procedures, Observe and listen to demonstrations and reviews, Simulate all steps of safe machine operation for conveyor belts, crushing, grinding, and sizing equipment, pre/post inspections, shut down and lockout, lubrication, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for starting and shutting down of conveyors, crusher, grinding, and sizing equipment, hand signals, emergency procedures, locking out equipment for maintenance, proper checking of and lubricating of equipment as well as maintenance procedures, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through five (5) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience crusher/plant operator, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Driller

**TASKS:** Responsible for - Safe operation of the drill, traveling, grinding of drill bits, proper fueling and lubrication of the machine, machine maintenance, proper setup of drill mast, pre/post operational inspections, and cleanup of the machine.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, Operator's manual, Nonproductive drill.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and traffic rules, Demonstrate operating controls, gauges, and safety devices, Dust control measures, Demonstrate pre/post operational inspections, Demonstrate fueling and lubricating procedures, Demonstrate machine safe operation for traveling, drill mast setup, grinding bits, drilling boreholes, and other as needed, Review 30CFR and State standards for drilling, Demonstrate startup, shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of startup, safe machine operation for traveling, setup and drilling, dust control, pre/post inspections, shut down and lockout, lubrication, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for, hand signals, starting and shutting down machine, emergency procedures, locking out machine for maintenance, proper fueling and lubricating of machine as well as maintenance procedures, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through four (4) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience drill operator, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Blaster (Blaster's Helper)

**TASKS:** Responsible for - Safe blasting operations or assisting experienced contract blaster in proper loading procedures, shot guarding and post blast examinations.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, RF Energy Guide, Loading poles, Blasting equipment for type of initiation system used, MSD sheet for hazardous materials.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and rules, Review MSDS, Demonstrate proper use of equipment, Demonstrate proper preloading procedures, Demonstrate borehole inspection prior to loading, Demonstrate emergency procedures, Demonstrate safe loading and handling procedures, Demonstrate proper hookup and initiation procedures, Demonstrate proper shot guarding procedures, Demonstrate proper warning signals, Demonstrate postblast examination, Review 30CFR and State standards for blasting, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read company policy, RF Energy Guide, MSDS, and 30CFR and State standards, Observe and listen to demonstrations and reviews, Understand the proper use and care of equipment, Simulate all steps of safe blasting procedures for preblast operations, loading and handling explosives, firing of blast, and post blast procedures, proper housekeeping procedures, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of care and use of blasting equipment, safe handling and loading of explosives, hand and audible warning signals, emergency procedures, shot guarding, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced blaster and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through three (3) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience blaster, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** General Laborer

**TASKS:** Responsible for - Cleanup around plant and equipment, operate truck, operate skid steer loader, equipment lubrication, general plant maintenance, fueling and lubrication of the truck and skid steer loader, pre/post operational inspections, and cleanup of the machine.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, Operator's manual, Nonproductive truck and skid steer loader.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate fueling and lubricating procedures, Demonstrate machine safe operation for truck and skid steer loader, traveling, loading truck, and other as needed, Review 30CFR and State standards, Demonstrate startup, shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of safe machine operation for traveling, loading trucks, pre/post inspections, shut down and lockout, lubrication, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for cleaning up around plant equipment, loading trucks, traveling, hand signals, emergency procedures, starting and shutting down machine, locking out machine for maintenance, proper fueling and lubricating of machine as well as maintenance procedures, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through four (4) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience general laborer, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Motor Grader operator

**TASKS:** Responsible for - Safe operation of the motor grader, proper fueling and lubrication of the machine, machine maintenance, cutting roads and finish grading, pre/post operational inspections, and cleanup of the machine.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, Operator's manual, Nonproductive motor grader.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate fueling and lubricating procedures, Demonstrate machine safe operation for cutting roads and finish grading, traveling, and other as needed, Review 30CFR and State standards for mobile equipment, Demonstrate startup, shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of safe machine operation for traveling, cutting roads and finish grading, pre/post inspections, startup, shut down and lockout, lubrication, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for cutting roads and finish grading, traveling, hand signals, emergency procedures, starting and shutting down machine, locking out machine for maintenance, proper fueling and lubricating of machine as well as maintenance procedures, and any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through three (3) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience motor grader operator, Supervisor/foreman



## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Maintenance/Welder/Machine Personnel

**TASKS:** Responsible for - Plant and equipment maintenance to include welding/cutting and machining of parts, Safe operation welding machines, drill presses, lathes, and milling machines, proper fueling and lubrication of equipment, equipment maintenance, pre/post operational inspections, and cleanup.

**MATERIALS NEEDED:** Company policy and operational procedures, 30CFR and State standards, Operator's manual, Nonproductive machining equipment, maintenance equipment, welder, handtools and MSD sheets.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy, msd sheets, and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate machine shop equipment safe operation, fueling and lubricating procedures, Demonstrate welding/cutting machine safe operation, traveling, proper use of handtools, and other as needed, Review 30CFR and State standards, Demonstrate startup, shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Review MSD sheets, Observe and listen to demonstrations and reviews, Simulate all steps of safe machine operation for machining, welding/cutting, traveling, pre/post inspections, shut down and lockout, lubrication, proper use of handtools, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for maintenance, machine shop operations, welding/cutting, fueling and lubricating equipment, traveling, hand signals, emergency procedures, starting and shutting down machine, locking out machine for maintenance, as well as any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through three (3) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience Maintenance/Welder/Machine personnel, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Fuel Truck/Service Operator

**TASKS:** Responsible for - Fueling and greasing mobile equipment, pre/post operational inspections, and cleanup.

**MATERIALS NEEDED:** Company policy and operational procedures, MSD sheets, 30CFR and State standards, Operator's manual, Nonproductive mobile equipment, maintenance equipment, Nonproductive service truck, handtools.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy, msd sheets, and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate proper fueling and servicing of mobile equipment, Demonstrate proper use of handtools and cleanup procedures, and other as needed, Review 30CFR and State standards, Demonstrate startup, shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of safe machine operation for fueling and servicing equipment, traveling, pre/post inspections, shut down and lockout, proper use of handtools, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe operating procedures for fueling and servicing mobile equipment, use of handtools, traveling, hand signals, emergency procedures, starting and shutting down machine, locking out machine for maintenance, as well as any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through three (3) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience Fuel Truck/Service Operator, Supervisor/foreman

## **SECTION 46.7 NEW TASK TRAINING**

### **OUTLINE OF TRAINING PROCEDURES**

**TITLE:** Mechanic

**TASKS:** Responsible for - Maintaining heavy machinery, Pre/Post operational inspections, cleanup of equipment.

**MATERIALS NEEDED:** Company Policy and operational procedures, MSD sheets, 30CFR and State standards, Operator's manual for heavy machinery, Nonproductive machinery.

**WHAT INSTRUCTOR WILL DO:** Review company operating policy, msd sheets, and traffic rules, Demonstrate operating controls, gauges, and safety devices, Demonstrate pre/post operational inspections, Demonstrate proper fueling and servicing of machinery, Demonstrate proper use of handtools and cleanup procedures, and other as needed, Review 30CFR and State standards, Demonstrate startup, shut down and lockout procedures, Explain inherent job hazards, Observe and give guidance to student during simulation and operation.

**WHAT STUDENT WILL DO:** Read operator's manual, Read company policy for operating procedures and traffic rules, Observe and listen to demonstrations and reviews, Simulate all steps of safe work practices for maintaining machinery, proper procedures for fueling and servicing equipment, traveling, pre/post inspections, shut down and lockout, proper use of handtools, cleaning and maintenance, as well as any other deemed necessary by instructor.

**Evaluation Procedures:** Student will give correct response to questions, Successfully demonstrate knowledge of safe work practices for maintaining machinery and proper procedures for fueling and servicing heavy machinery, use of handtools, traveling, hand signals, emergency procedures, starting and shutting down machinery, locking out machinery for maintenance, as well as any other demonstration deemed necessary by instructor. The student will be observed by an experienced operator and supervised during light production and any retraining needed will be accomplished until the student can operate without significant error through three (3) error-free cycles.

**Title(s) of Personnel Conducting Training:** Experience Mechanic, Supervisor/foreman

## CATEGORY: Annual Refresher Training - 46.8

### **Time:**

8 hours of instruction is required in this category. Each miner will receive this training no later than 12 months after the miner begins work at the mine. This mine reserves the right to periodically conduct training sessions such as training stated in 46.4(c) and the use of periodic safety meetings/talks (formal and informal) as set forth in section 46.4(e) of this part.

### **Course of Instruction:**

Training methods will be as set forth in 46.4(d). All courses required by 30 CFR, Section 46.8(b) and 46.8(c) will be taught. This includes:

1. Instruction on any changes at the mine that could adversely affect the miner's health or safety –as need up to 8 hours.
2. Safety and Health subjects that are relevant to mining operations at the mine – 10 minutes up to 2 hours.

**This mine reserves the right to combine subjects during the training session. The following recommended subjects will be utilized to complete the 8 hour time requirement as per 46.8(a). Selected subjects to fulfill the requirements will be recorded under "Health and Safety Subjects relevant to the mining operation". The range of times for each suggested subject will be 10 minutes to 2 hours with the exception of first aid methods. First aid methods, when taught, will range in time from 1 hour to 4 hours. The following subjects are recommended but are not limited to:**

Applicable health and safety requirements including:

1. Mandatory Health and Safety Standards; 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;
2. Transportation Controls and Communication Systems;
3. Escape and Emergency Evacuation Plans; Fire Warning and Fire Fighting;
4. Ground Conditions and Control;
5. Traffic Patterns and Control Going to and from the Mine;
6. Working in Areas of Highwalls;
7. Water Hazards, Pits, and Spoil Banks;
8. Illumination and Night Work;
9. First Aid;
10. Electrical Hazards;
11. Prevention of Accidents including training on hazards associated with the equipment that has accounted for the most fatalities and serious injuries at the mine;
12. Health;
13. Explosives;

14. Respiratory Devices;
15. Maintenance and repair;
16. Use of tools and equipment;
17. Other (as might be required);



## ANNUAL REFRESHER TRAINING PROGRAM

### Surface

### 8 Hours - Minimum

Course Title	**Est. Time	Location	Conducted By	Teaching Method	Course Material	Evaluation	Approx. Dates
<u>Section 46.8(b)</u> Instruction on changes at the mine that could adversely affect the miner's health or safety	¼ hour to 8 hours as per 46.8(b)	At or Near Mine Site	Competent Person Designated by the Operator	As Per 46.4(d)	May include: Multimedia Equipment, Handouts, Standards, Company Policy, or other visuals and materials that is deemed necessary	Written, Oral Testing Sequence and/or Job Performance	As Per 46.4(e)
<u>Section 46.8(c)</u> Health & safety subjects relevant to mining operations at the mine	¼ hour to 8 hours as per 46.8(b)	At or Near Mine Site	Competent Person Designated by the Operator	As Per 46.4(d)	May include: Multimedia Equipment, Handouts, Standards, Company Policy, or other visuals and materials that is deemed necessary	Written, Oral Testing Sequence and/or Job Performance	As Per 46.4(e)

**The following recommended subjects will be utilized to complete the 8 hour time requirement as per 46.8(a). Selected subjects to fulfill the requirements will be recorded under "Health and Safety Subjects relevant to the mining operation". The range of times for each suggested subject will be 10 minutes to 2 hours with the exception of first aid methods. First aid methods, when taught, will range in time from 1 hour to 4 hours.**

1. Mandatory Health and Safety Standards for assigned tasks; **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.**
2. Transportation controls, and communication systems
3. Escape and emergency evacuation plans; Fire prevention, warning, and fighting
4. First aid methods
5. Ground conditions and control
6. Traffic patterns and controls going to and from the mine site
7. Working in areas of highwalls
8. Water hazards, pits, and spoil banks
9. Illumination and nightwork
10. Electrical and other hazards
11. Prevention of accidents to include the process or equipment responsible for the most injuries and fatalities
12. Health
13. Explosives
14. Respiratory devices
15. Maintenance and repairs
16. The use of tools and other equipment
17. HazCom program
18. Other





**CATEGORY: Site-Specific Hazard Awareness Training - 46.11**

**Time:**

**There is no time requirement placed upon this category of training.** Sufficient time should be spent to assure that the trainee is aware of the hazards he/she might encounter. This should be accomplished within the range of time: **5 minutes to 1 hour**, but if needed, longer time will be allowed. **Duration of time spent on site-specific hazard awareness training will be recorded.**

**Course of Instruction:**

Subjects to be covered in this category of instruction are specified in 30 CFR, Section 46.11. This includes the following:

1. Hazard Recognition and Avoidance;
2. Emergency and Evacuation Procedures;
3. Health and Safety Risks;
4. Traffic Patterns and Control, and Restricted Areas;
5. Warning and Evacuation Signals, Evacuation and Emergency Procedures;
6. Other (as might be required)

Instructional methods may include written hazard warning, oral instruction, signs and posted warning, walkaround training or a combination or other means that alert persons to site specific hazards specific to the mine.

## **TRAINING RECORDS: 46.9**

Training certification will be kept on an MSHA Form 5000-23, or on a form that contains the information listed in 46.9(b). All records of training under paragraphs 46.9(c)(1) through 46.9(c)(5) will be certified under 46.9(b)(5) and a copy provided to the miner as specified in 46.9(d).

**This operation reserves the right to record each training session as per 46.9(c)(1) through 46.9(c)(5) on a form in accordance with 46.9(b)(1) through 46.9(b)(4).** Each record will be available for review. Documentation for site-specific hazard awareness training provided under 46.11 to persons who are not miners under 46.2 will be provided as per 46.9(I).

As per 46.9(h), training certificates and training records will be maintained for each currently employed miner during his or her employment, except records and certificates of annual refresher training under 46.8, which will be maintained for only two years. Copies of training certificates and training records will be maintained for at least 60 calendar days after a miner terminates employment.

Examples of training records:

## PART 46.5 NEW MINER TRAINING RECORD

Miner's Full Name (print): \_\_\_\_\_

Mine or Contractor Name: \_\_\_\_\_ ID \_\_\_\_\_

30 CFR 46.5 Subjects	Course Length	Date	Competent Person	Location of Training	Miner's Initials
<i>THE MINERS RECEIVED NO LESS THAN 4 HOURS TRAINING IN THE FOLLOWING, BEFORE BEGINNING WORK:</i>					
(b)(1) Introduction to the Work Environment, mine tour, mining method/operation					
b)(2) Instruction on recognition & avoidance of electrical and other hazards					
(b)(3) Emergency procedures, escape, & firefighting					
(b)(4) Health & safety aspects of tasks assigned <b>including physical and health hazards of chemicals</b>					
(b)(5) Instruction on statutory rights of miners & their representatives					
(b)(6) Authority & responsibility of supervisors & miners' representatives					
(b)(7) Introduction to company rules & procedures for reporting hazards					
<b>Total Hours:</b>					

***NO LATER 60 DAYS:***

(c)(1) Self rescue, respiratory devices, if applicable					
(c)(2) First Aid					

***NO LATER THAN 90 DAYS (BALANCE OF 24 HOURS INCLUDING THE FOLLOWING SUBJECTS):***


**False certification is punishable under section 110(a) and (f) of the Federal Mine Safety and Health Act.**

I certify that the above training has been completed.

\_\_\_\_\_  
(Signature of person responsible for health and safety training on the training plan)

\_\_\_\_\_  
(Date)

## PART 46.6 NEWLY-HIRED EXPERIENCED MINER TRAINING RECORD

Miner's Full Name (print): \_\_\_\_\_

Mine or Contractor Name: \_\_\_\_\_ ID \_\_\_\_\_

30 CFR 46.6 Subjects	Course Length	Date	Competent Person	Location of Training (Name & Address if institution)	Miner's Initials
(b)(1) Introduction to the Work Environment, mine tour, mining method/operation					
b)(2) Instruction on recognition & avoidance of electrical and other hazards					
(b)(3) Emergency procedures, escape, & firefighting					
(b)(4) Health & safety aspects of tasks assigned <b>including physical and health hazards of chemicals</b>					
(b)(5) Instruction on statutory rights of miners & their representatives					
(b)(6) Authority & responsibility of supervisors & miners' representatives					
(b)(7) Introduction to company rules & procedures for reporting hazards					
<b>Total Hours:</b>					

***NO LATER 60 DAYS:***

(c)(1) Self rescue, respiratory devices, if applicable					
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**False certification is punishable under section 110(a) and (f) of the Federal Mine Safety and Health Act.**

I certify that the above training has been completed.

\_\_\_\_\_  
(Signature of person responsible for health and safety training on the training plan)

\_\_\_\_\_  
(Date)

**PART 46.7 TASK TRAINING RECORD**

Miner's Full Name (print): \_\_\_\_\_

Mine or Contractor Name: \_\_\_\_\_ ID \_\_\_\_\_

**Job Title:** \_\_\_\_\_

*Miner received the following training before performing a new task, or a change occurred in an assigned task that affects health and safety risk.*

<b>New Task</b>	<b>Course Length</b>	<b>Competent Person</b>	<b>Location</b> (Name, Address if institution)	<b>Date</b>	<b>Miner's Initials</b>

**False certification is punishable under section 110(a) and (f) of the Federal Mine Safety and Health Act.**

I certify that the above training has been completed.

\_\_\_\_\_  
(Signature of person responsible for health and safety training on the training plan) (Date)

## PART 46.8 ANNUAL REFRESHER TRAINING RECORD

Miner's Full Name (print): \_\_\_\_\_

Mine or Contractor Name: \_\_\_\_\_ ID \_\_\_\_\_

30 CFR 46.8 Subjects	Course Length	Date	Competent Person	Location of Training (Name & Address if institution)	Miner's Initials
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*Each miner received no less than 8 hours of annual refresher training in the following subjects:*

Instructions on changes at the mine that could adversely affect the miner's health or safety					
Health & safety subjects relevant to mining operations at the mine					

*Subjects [For recommended subjects see 46.8(c) of this training plan]*

<b>Total Hours:</b>					

**False certification is punishable under section 110(a) and (f) of the Federal Mine Safety and Health Act.**

I certify that the above training has been completed.

\_\_\_\_\_  
(Signature of person responsible for health and safety training on the training plan) (Date)

**PART 46.11 SITE-SPECIFIC HAZARD AWARENESS TRAINING  
CERTIFICATE**

**Miner's Full Name  
(print):** \_\_\_\_\_

**Mine or Contractor  
Name** \_\_\_\_\_

**ID Number** \_\_\_\_\_ **Date of Training** \_\_\_\_\_

**Location:** \_\_\_\_\_ **Mine Site** \_\_\_\_\_

**Length of Training:** \_\_\_\_\_

**Competent Person Providing Training:** \_\_\_\_\_

**Miner's Initials:** \_\_\_\_\_  
(initial only on completion of training)

**False certification is punishable under section 110(a) and (f) of the Federal Mine Safety and Health Act.**

I certify that the above training has been completed.

\_\_\_\_\_  
(Signature of person responsible for health and safety training on the training plan) (Date)