



*Mine Safety & Health Program*

SUBJECT: 30 CFR Part 46 Training Plan

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Attached is a generic training plan which, when completed according to the direction and instruction outlined below, will satisfy MSHA's Part 46 Training Regulation for surface metal/nonmetal mines.

It is the responsibility of you, the mine operator or independent contractor, to develop and maintain a training plan and the required records of training. WMSHP has provided you with a document which, **when completed by you**, will satisfy this new training regulation which MSHA inspectors began enforcing October 2, 2000.

Everyone employed at the mine is subject to Part 46, including you. Effective October 2, 2000, if the MSHA inspector finds anyone in the mine without the proper Part 46 Training (s)he will issue an order under Section 104(g) of the Mine Safety & Health Act of 1977 ("The Act") withdrawing that person (including you, the owner or operator or contractor) from the mine until (s)he has determined that the person has received the proper training.

Don't be a statistic (casualty) and get closed down due to lack of training.

Please take a few moments to read the following instructions and **complete** the necessary **items** of the training plan **as directed**. Post a copy of the plan on your company's bulletin board, and ask your employees to review it

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**Instructions for completing a suggested Part 46 Training Plan**

Post on Company bulletin board (or give to Miner's / Employee's Representative [if any]) immediately upon completion.

**Item 1**     **Company / Mine Name** – Provide requested information. Put date posted on mine Bulletin Board or give to Miner's / Employee's Representative.

**Item 2**     **Person Responsible for Health & Safety Training at the Mine** – Provide requested information.

**Item 3**     **Competent Persons or Organizations and Subject Areas Each is Competent to Instruct.**

I have listed "Wisconsin Mine Safety Training Program" under Names(s) & "Surface-ALL" under Subject(s) Area(s). List names of the competent persons who will provide other training, such as the initial 4 hours of New Miner Training, task training (loader operators, crusher operators, truck drivers, fork lift operators, etc.). In most cases, the mine supervisor(s) will probably be the one listed to provide initial New Miner Training.

**46.5 New Miner Training Program** Use Current Data

List Mine I.D.

**A. Training Required Before Miner Begins Works**

Intro. To Work Environment

List approximate times such as 05 Min. to 1 Hour/00 Min.

(Whatever time you predict it will take to adequately indoctrinate the employee to your operation)

**NOTE:** The times listed here are suggestions. Please modify any which best suit the needs of your operation.

- You must also cover the additional six (6) subjects **before** the new miner is assigned to work duties.

**B. After each New Miner begins work, the miner will receive the following training within 60 days [46.5(c)]**

1. Self-Rescue & Respiratory Devices  
This subject will be "Not Applicable" to most Wisconsin Aggregate Mines. If it does apply, the example provided should suffice.

**C.** The remainder of the 24 hours of training must be completed with 90 days of employment. [NOTE: If you send your miners to the Wisconsin Mine Safety & Health Training Program (WMSHP) Classes (16 hours), and you have complied with the initial requirement of Part 46.5 by providing a minimum of 4 hours training in the seven (7) required subjects **before** assigning the new miner to work duties, you only need to provide the balance of the 24 hours in the subjects not covered above]. A lot of this training can be OJT (on-the-job). Please call WMSHP if you need assistance or have questions.

\*Suggestion: Conduct 8 hours of training on employee's first day (quite a bit can be OJT) under the close observation of a competent person (see definition in 46.2), and the training will be completed when the new miner completes the 16 hours of WMSHP training.

Page 10: Add any other course(s) as needed or desired.

**46.6 Newly-Hired Experienced Miner Training Program**

Training in the seven (7) subjects required under 46.6(b)(1-7) must be completed **before** the miner is assigned to work duties. There is no minimum time requirement. Some (if not most) of this training can be done OJT. Don't forget to complete the training certificate.

Training under 46.6(c) must be completed with 60 days, if applicable. \*Suggestion: If self-rescue and respiratory devices are used at the mine, include this training on the miner's first day of work (OJT is fine), and you're done.

Pay particular attention to item D on page 16, 46.6(f).

**46.7 New Task Training Program**

**Pages 16-17 need your individual attention.** List task(s) (see pp. 24-25) at your mine, a range of time you expect the training to take, and check the methods, materials and evaluation procedures your competent person trainer will use. [NOTE: Practice under close supervision of a competent person (OJT) may be used to fulfill this training requirement. \*Remember to list the competent person (s) in Item 3, page 1. Also, if you have more than 1 task at the mine, check “Yes” box on p. 16 and complete addition task sheets.

**46.8 Annual Refresher Training Program**

On page 19, place an “X” beside “Explosives” **if explosives are used at your mine.**

**46.11 Hazard Awareness Training Program**

B. Page 21 – Independent Contractors who are trained by a mine operator and will not train employees of other independent contractors are not required to compete this part of the training plan.

**NOTE:** Hazard Training may be accomplished by the posting of appropriate warning signs – “Authorized Personnel Only”, “Danger-High Voltage”, “Hard Hats, Safety Shoes and Protective Eyewear Required Beyond This Point”, etc.:



## MANDATORY

You must post a copy of your training plan at the mine, or provide to each miner (and the miner’s representative, if any) **at least 2 weeks before the plan is implemented** or submitted to the Regional Manager – EFS for approval, allowing miners (and their representatives, if any) to submit written comments on the plan to you, the operator, or to the Regional Manager – EFS, as appropriate (46.3(c))

**NOTE:** You do not have to submit this plan to MSHA, **but it is highly recommended.**

If you have any question please call me at (608) 261-2503. Thank you, and please – Work Safely!

David M. Vriezen

Wisconsin Department of Safety & Professional Services

414-416-3196. fax 608-283-7425 [David.Vriezen@Wisconsin.gov](mailto:David.Vriezen@Wisconsin.gov)



## PART 46 TRAINING PLAN

<b>General Information (Cover Sheet)</b>
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*Item 1. Company and Mine Names* [Section 46.3(b)(1)]:

MSHA ID #                      [ 47-\_\_\_\_\_ ] or [ \_\_\_\_\_ ]

<b>Date:</b> ___ / ___ / _____
--------------------------------

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

City, State & Code: \_\_\_\_\_

Mine Name: \_\_\_\_\_

*Item 2. Person responsible for health and safety training at the mine / company (Name and Position)* [Section 46.3(b)(2)]:

Name: \_\_\_\_\_

Position/Title: \_\_\_\_\_

Phone Number:            ( \_\_\_ ) \_\_\_ - \_\_\_\_\_

E-Mail (optional)            \_\_\_\_\_

*Item 3. Competent persons or organizations and subject areas each is competent to instruct.* [Section 46.3(b)(4)]:

Name(s)	Subject(s) Area(s)
<u>Wisconsin DSPS, Mine Safety &amp; Health Training Program</u>	<u>SURFACE -- ALL</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

## NEW MINER TRAINING PROGRAM – SECTION 46.5

Each miner will receive no less than 24 hours of training [Section 46.5(a)]. Miners who have not received the full 24 hours of new miner training will work under the observation of an experienced miner.

**A. Each new miner will receive the following training before the miner begins work. This training will be no less than 4 hours and will also address site-specific hazards [Section 46.5(b)]:**

1. SUBJECT: **Introduction to work environment** [Section 46.5(b)(1)]

Approximate Time(s): 00 hours 05 minutes to 01 hours 10 minutes

TEACHING METHODS:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> lecture                   | <input checked="" type="checkbox"/> site tour |
| <input checked="" type="checkbox"/> discussion<br>audiovisual | <input type="checkbox"/> other _____          |

COURSE MATERIALS:

- |   |  |
|---|--|
| <input type="checkbox"/> MSHA                           | <input checked="" type="checkbox"/> applicable regulations |
| <input checked="" type="checkbox"/> company             | <input type="checkbox"/> other _____                       |
| <input checked="" type="checkbox"/> vendor/manufacturer |  |

EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

2. SUBJECT: **Recognition and avoidance of electrical hazards and other hazards, such as traffic patterns and control, mobile equipment, and ground conditions** [Section 46.5(b)(2)]

Approximate Time(s): 00 hours 05 minutes to 1 hours 15 minutes

TEACHING METHODS:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> lecture                   | <input checked="" type="checkbox"/> site tour |
| <input checked="" type="checkbox"/> discussion<br>audiovisual | <input type="checkbox"/> other _____          |

COURSE MATERIALS:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> MSHA                | <input checked="" type="checkbox"/> lockout devices        |
| <input checked="" type="checkbox"/> company             | <input checked="" type="checkbox"/> applicable regulations |
| <input checked="" type="checkbox"/> vendor/manufacturer | <input type="checkbox"/> other _____                       |

EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

3. SUBJECT: **Emergency medical procedures; escape and emergency evacuation plans; firewarning signals and firefighting procedures** [Section 46.5(b)(3)]

Approximate Time(s): 00 hours 10 minutes to 01 hours 30 minutes

TEACHING METHODS:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> lecture    | <input checked="" type="checkbox"/> demonstration |
| <input checked="" type="checkbox"/> discussion | <input checked="" type="checkbox"/> site tour     |
| audiovisual                                    | <input type="checkbox"/> other _____              |

COURSE MATERIALS:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> MSHA   | <input checked="" type="checkbox"/> firewarning signals and<br>firefighting procedures |
| <input checked="" type="checkbox"/> company  | <input checked="" type="checkbox"/> applicable regulations                             |
| <input checked="" type="checkbox"/> vendor/manufacturer  | <input type="checkbox"/> other _____   |
| <input checked="" type="checkbox"/> escape and emergency<br>evacuation plans, where applicable |  |

EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

4. SUBJECT: Health and safety aspects of the tasks to be assigned [Section 46.5(b)(4)]

Approximate Time(s): 00 hours 15 minutes to 01 hours 00 minutes

TEACHING METHODS:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> lecture                              | <input checked="" type="checkbox"/> demonstration |
| <input checked="" type="checkbox"/> discussion                           | <input checked="" type="checkbox"/> site tour     |
| <input checked="" type="checkbox"/> audiovisual                          | <input type="checkbox"/> other _____              |
| <input checked="" type="checkbox"/> practice under close<br>observations |   |

COURSE MATERIALS:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> MSHA                | <input checked="" type="checkbox"/> safe work procedures   |
| <input checked="" type="checkbox"/> company             | <input checked="" type="checkbox"/> applicable regulations |
| <input checked="" type="checkbox"/> vendor/manufacturer | <input type="checkbox"/> other _____                       |

EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

5. SUBJECT: **Statutory rights of miners and their representatives** [Section 46.5(b)(5)]

Approximate Time(s): 00 hours 15 minutes to 01 hours 00 minutes

TEACHING METHODS:

- |   |                                      |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> lecture     | computer                             |
| <input checked="" type="checkbox"/> discussion  | <input type="checkbox"/> other _____ |
| <input checked="" type="checkbox"/> audiovisual |                                      |

COURSE MATERIALS:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> MSHA          | <input checked="" type="checkbox"/> company rules                        |
| <input checked="" type="checkbox"/> company       | <input checked="" type="checkbox"/> applicable regulations               |
| <input checked="" type="checkbox"/> 1977 Mine Act | <input checked="" type="checkbox"/> other <u>Guide to Miners' Rights</u> |

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_

6. SUBJECT: **Authority and responsibilities of supervisors and miner’s representatives**  
 [Section 46.5(b)(6)]

Approximate Time(s): 00 hours 10 minutes to 00 hours 30 minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual

- computer
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- 1977 Mine Act

- company rules
- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_

7. SUBJECT: **Introduction to rules and procedures for reporting hazards** [Section 46.5(b)(7)]

Approximate Time(s): 00 hours 05 minutes to 00 hours 30 minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual

- computer
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- 1977 Mine Act
- company rules

- mine communication system
- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_

**B. After each new miner begins work, the miner will receive the following training within 60 days** [Section 46.5(c)]

1. SUBJECT: **Self-rescue and respiratory devices** [Section 46.5(c)(1)]

This subject is:  applicable  not applicable

Approximate Time(s): \_\_\_ hours \_\_\_ minutes to \_\_\_ hours \_\_\_ minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual
- demonstration
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacturer
- training devices
- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback
- observation
- fit test
- other \_\_\_\_\_

2. SUBJECT: **First aid** [Section 46.5(c)(2)]

Approximate Time(s): **02** hours **00** minutes to **08** hours **00** minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual
- demonstration
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacturer
- first aid supplies
- applicable regulations
- other **State Grant Handouts**

EVALUATION PROCEDURES:

- oral feedback
- written feedback
- observation
- other \_\_\_\_\_

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**C. OTHER SUBJECT(S): After each new miner begins work, the miner will receive 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 within 90 days [Section 46.5(d)]**

The following subjects will be taught based on circumstances or conditions at the mine.

1. Subject Title: **Mandatory Health & Safety Standards** [Section 46.5(d)]

Approximate Time(s): **00** hours **15** minutes to **02** hours **30** minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual
- demonstration
- site tour
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacturer

- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_

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2. Subject Title **Transportation Control & Communication Systems** [Section 46.5(d)]

Approximate Time(s): **00** hours **05** minutes to **01** hours **00** minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual

- demonstration
- site tour
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacturer

- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_

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The following subjects will be taught based on circumstances or conditions at the mine.

3. Subject Title: **Ground Control, Working in Areas of Highwalls, Pits & Spoilbanks, Illumination & Night Work** [Section 46.5(d)]

Approximate Time(s): **00** hours **05** minutes to **1** hours **15** minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual

- demonstration
- site tour
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacturer

- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback

- observation

written feedback

other \_\_\_\_\_

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4. Subject Title: **First Aid Review, Triage, Hands-On Practical** [Section 46.5(d)]

Approximate Time(s): 00 hours 05 minutes to 01 hours 30 minutes

TEACHING METHODS:

lecture  
 discussion  
audiovisual

demonstration  
 site tour  
 other \_\_\_\_\_

COURSE MATERIALS:

MSHA  
 company  
 vendor/manufacturer

applicable regulations  
 other \_\_\_\_\_

EVALUATION PROCEDURES:

oral feedback  
 written feedback

observation  
 other \_\_\_\_\_

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The following subjects will be taught based on circumstances or conditions at the mine.

5. Subject Title: **Prevention of Accidents, Materials Handling Safety, Powered Haulage, Machinery Safety, Slips, Trips & Fall Prevention, Handtool Safety, Job Safety Analysis, Substance Abuse Awareness, Environmental Safety** [Section 46.5(d)]

Approximate Time(s): 00 hours 10 minutes to 04 hours 00 minutes

TEACHING METHODS:

lecture  
 discussion  
audiovisual

demonstration  
 site tour  
 other \_\_\_\_\_

COURSE MATERIALS:

MSHA  
 company  
 vendor/manufacturer

applicable regulations  
 other \_\_\_\_\_

EVALUATION PROCEDURES:

oral feedback  
 written feedback

observation  
 other \_\_\_\_\_

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6. Subject Title: **Health, Heat Stress; "Back Power"; Dust Control, Silicosis Prevention; Dust & Health Issues (as applicable)** [Section 46.5(d)]

Approximate Time(s): 00 hours 05 minutes to 01 hours 15 minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual

- demonstration
- site tour
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacturer

- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_

The following subjects will be taught based on circumstances or conditions at the mine.

7. Subject Title: **Explosives (Where Applicable)** [Section 46.5(d)]

This subject is:  applicable  not applicable

Approximate Time(s): 00 hours 15 minutes to 03 hours 00 minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual

- demonstration
- site tour
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacturer

- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_

\_\_ Subject Title:

[Section 46.5(d)]

Approximate Time(s): \_\_ hours \_\_ minutes to \_\_ hours \_\_ minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual

- demonstration
- site tour
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacturer

- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_



\_\_\_. Subject Title:

[Section 46.5(d)]

Approximate Time(s): \_\_ hours \_\_ minutes to \_\_ hours \_\_ minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual

- demonstration
- site tour
- other \_\_\_\_\_

COURSE MATERIALS:

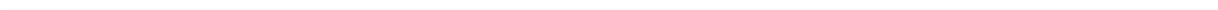
- MSHA
- company
- vendor/manufacturer

- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_



## Newly-Hired Experienced Miner Training Program (Section 46.6)

Each newly-hired experienced miner will receive the following training [Section 46.6 (a)]. As specified below, some of the training will be given before the miner begins work; while the balance of the required training will be given within 60 days after work begins.

**A. Each newly-hired experienced miner will receive the following training before the miner begins work. This training will also address site-specific hazards [Section 46.6(b)]:**

1. SUBJECT: **Introduction to work environment** [Section 46.6(b)(1)]

Approximate Time(s): 00 hours 10 minutes to 04 hours 00 minutes

### TEACHING METHODS:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> lecture     | <input checked="" type="checkbox"/> site tour |
| <input checked="" type="checkbox"/> discussion  | <input type="checkbox"/> other _____          |
| <input checked="" type="checkbox"/> audiovisual |   |

### COURSE MATERIALS:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> MSHA               | <input checked="" type="checkbox"/> applicable regulations |
| <input checked="" type="checkbox"/> company            | <input type="checkbox"/> other _____                       |
| <input checked="" type="checkbox"/> vendor/manufacture |  |

### EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

2. SUBJECT: **Recognition and avoidance of electrical hazards and other hazards, such as traffic patterns and control, mobile equipment, and ground conditions** [Section 46.6(b)(2)]

Approximate Time(s): 00 hours 05 minutes to 02 hours 30 minutes

### TEACHING METHODS:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> lecture     | <input checked="" type="checkbox"/> site tour |
| <input checked="" type="checkbox"/> discussion  | <input type="checkbox"/> other _____          |
| <input checked="" type="checkbox"/> audiovisual |   |

### COURSE MATERIALS:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> MSHA               | <input checked="" type="checkbox"/> lockout devices        |
| <input checked="" type="checkbox"/> company            | <input checked="" type="checkbox"/> applicable regulations |
| <input checked="" type="checkbox"/> vendor/manufacture | <input type="checkbox"/> other _____                       |

### EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

3. SUBJECT: **Emergency medical procedures; escape and emergency evacuation plans; firewarning signals and firefighting procedures** [Section 46.6(b)(3)]

Approximate Time(s): **00** hours **10** minutes to **01** hours **30** minutes

TEACHING METHODS:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> lecture                   | <input checked="" type="checkbox"/> demonstration |
| <input checked="" type="checkbox"/> discussion<br>audiovisual | <input checked="" type="checkbox"/> site tour     |
|   | <input type="checkbox"/> other _____              |

COURSE MATERIALS:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> MSHA                                     | <input checked="" type="checkbox"/> firewarning signals and<br>firefighting procedures |
| <input checked="" type="checkbox"/> company                                  | <input checked="" type="checkbox"/> applicable regulations                             |
| <input checked="" type="checkbox"/> vendor/manufacturer                      | <input type="checkbox"/> other _____   |
| <input checked="" type="checkbox"/> escape and emergency<br>evacuation plans |  |

EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

4. SUBJECT: **Health and safety aspects of the tasks to be assigned** [Section 46.6(b)(4)]

Approximate Time(s): **00** hours **05** minutes to **01** hours **00** minutes

TEACHING METHODS:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> lecture                              | <input checked="" type="checkbox"/> demonstration |
| <input checked="" type="checkbox"/> discussion<br>audiovisual            | <input checked="" type="checkbox"/> site tour     |
| <input checked="" type="checkbox"/> practice under close<br>observations | <input type="checkbox"/> other _____              |

COURSE MATERIALS:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> MSHA                | <input checked="" type="checkbox"/> safe work procedures   |
| <input checked="" type="checkbox"/> company             | <input checked="" type="checkbox"/> applicable regulations |
| <input checked="" type="checkbox"/> vendor/manufacturer | <input type="checkbox"/> other _____                       |

EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

5. SUBJECT: **Statutory rights of miners and their representatives** [Section 46.6(b)(5)]  
Approximate Time(s): **00** hours **05** minutes to **01** hours **00** minutes

TEACHING METHODS:

- |   |                                      |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> lecture                   | <input type="checkbox"/> computer    |
| <input checked="" type="checkbox"/> discussion<br>audiovisual | <input type="checkbox"/> other _____ |

COURSE MATERIALS:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> MSHA          | <input checked="" type="checkbox"/> company rules                               |
| <input checked="" type="checkbox"/> company       | <input checked="" type="checkbox"/> applicable regulations                      |
| <input checked="" type="checkbox"/> 1977 Mine Act | <input checked="" type="checkbox"/> other <b><u>Guide to Miners' Rights</u></b> |

EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

6. SUBJECT: **Authority and responsibilities of supervisors and miner's representatives**  
[Section 46.6(b)(6)]

Approximate Time(s): **00** hours **05** minutes to **01** hours **30** minutes

TEACHING METHODS:

- |   |                                      |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> lecture     | <input type="checkbox"/> computer    |
| <input checked="" type="checkbox"/> discussion  | <input type="checkbox"/> other _____ |
| <input checked="" type="checkbox"/> audiovisual |                                      |

COURSE MATERIALS:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> MSHA          | <input checked="" type="checkbox"/> company rules          |
| <input checked="" type="checkbox"/> company       | <input checked="" type="checkbox"/> applicable regulations |
| <input checked="" type="checkbox"/> 1977 Mine Act | <input type="checkbox"/> other _____                       |

EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

7. SUBJECT: **Introduction to rules and procedures for reporting hazards** [Section 46.6(b)(7)]  
Approximate Time(s): **00** hours **05** minutes to **00** hours **30** minutes

TEACHING METHODS:

- |   |                                      |
|---|--------------------------------------|
| <input checked="" type="checkbox"/> lecture                   | <input type="checkbox"/> computer    |
| <input checked="" type="checkbox"/> discussion<br>audiovisual | <input type="checkbox"/> other _____ |

COURSE MATERIALS:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> MSHA          | <input checked="" type="checkbox"/> mine communication system |
| <input checked="" type="checkbox"/> company       | <input checked="" type="checkbox"/> applicable regulations    |
| <input checked="" type="checkbox"/> 1977 Mine Act | <input type="checkbox"/> other _____                          |
| <input checked="" type="checkbox"/> company rules |   |

EVALUATION PROCEDURES:

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_

**B. After each newly-hired experienced miner begins work, the miner will receive the following training within 60 days** [Section 46.6(c)]

1. SUBJECT: **Self-rescue and respiratory devices** [Section 46.5(c)(1)]

This subject is:  applicable  not applicable

Approximate Time(s): \_\_\_ hours \_\_\_ minutes to \_\_\_ hours \_\_\_ minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual

- demonstration
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacturer

- training devices
- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback
- observation

- fit test
- other \_\_\_\_\_

---

**C. Training may be given on any other subjects that promote occupational health and safety for miners** [Section 46.6(e)]

If other subjects will be taught based on circumstances or conditions at the mine, the "Yes" box is checked and a completed "Other Subject(s)" page for each is attached.

Yes  No

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**Section 46.6**

**C. Other Subject(s)**

\_\_\_ Subject Title:

[Section 46.6(e)]

Approximate Time(s): \_\_ hours \_\_ minutes to \_\_ hours \_\_ minutes

**TEACHING METHODS:**

- |                                      |  |
|--------------------------------------|--|
| <input type="checkbox"/> lecture     | <input type="checkbox"/> demonstration |
| <input type="checkbox"/> discussion  | <input type="checkbox"/> site tour     |
| <input type="checkbox"/> audiovisual | <input type="checkbox"/> other _____   |

**COURSE MATERIALS:**

- |  |   |
|--|---|
| <input type="checkbox"/> MSHA                | <input type="checkbox"/> applicable regulations |
| <input type="checkbox"/> company             | <input type="checkbox"/> other _____            |
| <input type="checkbox"/> vendor/manufacturer |   |

**EVALUATION PROCEDURES:**

- |   |                                      |
|---|--------------------------------------|
| <input type="checkbox"/> oral feedback    | <input type="checkbox"/> observation |
| <input type="checkbox"/> written feedback | <input type="checkbox"/> other _____ |

---

**D. When a newly-experienced miner returns to the same mine following an absence of 12 months or less, the miner will receive training on any changes at the mine that occurred during the miner's absence that could adversely affect the miner's health and safety. This training will be given before the miner begins work at the mine. If the miner missed any part of annual refresher training under Section 46.8 during the absence, the missed training will be given within 90 days after the miner begins work at the mine [Section 46.6(f)]**

---

## New Task Training Program (Section 46.7)

Each miner who is assigned to a new task in which he or she has no previous work experience will be trained in the health and safety aspects and safe work procedures specific to that new task. This training will be provided before the miner performs the new task. If a change occurs in a miner's assigned task that affects the health and safety risks encountered by the miner, the miner will be given training that addresses the change. Practice under close observation of a competent person may be used to fulfill the requirement for task training under this section [Section 46.7(d)].

**A. Each miner who is assigned to a new task will be trained in the health and safety aspects and safe work procedures specific to that new task. This training will be provided before the miner performs the new task [Section 46.7(a)]. (Each task that will require training is specified below. The competent person giving the training is provided in Item 3 of the General Information section.)**

1. SUBJECT: **Health and safety aspects and safe work procedures of the new task**

Specify the task:

Approximate Time(s): \_\_ hours \_\_ minutes to \_\_ hours \_\_ minutes

### TEACHING METHODS:

- |   |  |
|---|--|
| <input type="checkbox"/> lecture                          | <input type="checkbox"/> demonstration |
| <input type="checkbox"/> discussion                       | <input type="checkbox"/> site tour     |
| <input type="checkbox"/> audiovisual                      | <input type="checkbox"/> other _____   |
| <input type="checkbox"/> practice under close observation |  |

### COURSE MATERIALS:

- |   |   |
|---|---|
| <input type="checkbox"/> MSHA               | <input type="checkbox"/> JSAs                   |
| <input type="checkbox"/> company            | <input type="checkbox"/> safe work procedures   |
| <input type="checkbox"/> vendor/manufacture | <input type="checkbox"/> applicable regulations |
| <input type="checkbox"/> operating manuals  | <input type="checkbox"/> other _____            |

### EVALUATION PROCEDURES:

- |   |                                      |
|---|--------------------------------------|
| <input type="checkbox"/> oral feedback    | <input type="checkbox"/> observation |
| <input type="checkbox"/> written feedback | <input type="checkbox"/> other _____ |

If other tasks require training at the mine, the "Yes" box is checked and a completed "Other Task(s)" page for each is attached.

Yes  No

---

**B. When changes occur in a miner's assigned task that affects the health and safety risks encountered by the miner, the miner will receive training that addresses the change(s) [Section 46.7(b)].**

**Section 46.7**

**A. Other Task(s)**

\_\_\_ SUBJECT: **Health and safety aspects and safe work procedures of the new task**

Specify the task:

--

Approximate Time(s): \_\_ hours \_\_ minutes to \_\_ hours \_\_ minutes

**TEACHING METHODS:**

- |   |  |
|---|--|
| <input type="checkbox"/> lecture                          | <input type="checkbox"/> demonstration |
| <input type="checkbox"/> discussion                       | <input type="checkbox"/> site tour     |
| <input type="checkbox"/> audiovisual                      | <input type="checkbox"/> other _____   |
| <input type="checkbox"/> practice under close observation |  |

**COURSE MATERIALS:**

- |   |   |
|---|---|
| <input type="checkbox"/> MSHA               | <input type="checkbox"/> JSAs                   |
| <input type="checkbox"/> company            | <input type="checkbox"/> safe work procedures   |
| <input type="checkbox"/> vendor/manufacture | <input type="checkbox"/> applicable regulations |
| <input type="checkbox"/> operating manuals  | <input type="checkbox"/> other _____            |

**EVALUATION PROCEDURES:**

- |   |                                      |
|---|--------------------------------------|
| <input type="checkbox"/> oral feedback    | <input type="checkbox"/> observation |
| <input type="checkbox"/> written feedback | <input type="checkbox"/> other _____ |
- 

\_\_\_ SUBJECT: **Health and safety aspects and safe work procedures of the new task**

Specify the task:

--

Approximate Time(s): \_\_ hours \_\_ minutes to \_\_ hours \_\_ minutes

**TEACHING METHODS:**

- |   |  |
|---|--|
| <input type="checkbox"/> lecture                          | <input type="checkbox"/> demonstration |
| <input type="checkbox"/> discussion                       | <input type="checkbox"/> site tour     |
| <input type="checkbox"/> audiovisual                      | <input type="checkbox"/> other _____   |
| <input type="checkbox"/> practice under close observation |  |

**COURSE MATERIALS:**

- |   |   |
|---|---|
| <input type="checkbox"/> MSHA               | <input type="checkbox"/> JSAs                   |
| <input type="checkbox"/> company            | <input type="checkbox"/> safe work procedures   |
| <input type="checkbox"/> vendor/manufacture | <input type="checkbox"/> applicable regulations |
| <input type="checkbox"/> operating manuals  | <input type="checkbox"/> other _____            |

**EVALUATION PROCEDURES:**

<input type="checkbox"/> oral feedback	<input type="checkbox"/> observation
<input type="checkbox"/> written feedback	<input type="checkbox"/> other

## Annual Refresher Training Program (Section 46.8)

Each miner will receive a minimum of 8 hours of annual refresher training at least once every 12 months [Section 46.8(a)]. The training will include instruction on changes at the mine that could adversely affect the miner's health or safety. The refresher training will also address other health and safety subjects relevant to the mine.

**A. Each miner will receive the following training [Section 46.8(b)]:**

1. SUBJECT: **Changes at the mine that affect the miner's health or safety**

Approximate Time(s): 00 hours 05 minutes to 07 hours 50 minutes

TEACHING METHODS:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> lecture     | <input checked="" type="checkbox"/> site tour (if training conducted at mine site) |
| <input checked="" type="checkbox"/> discussion  | <input type="checkbox"/> other _____   |
| <input checked="" type="checkbox"/> audiovisual |  |

COURSE MATERIALS:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> MSHA                | <input checked="" type="checkbox"/> applicable regulations |
| <input checked="" type="checkbox"/> company             | <input type="checkbox"/> other _____                       |
| <input checked="" type="checkbox"/> vendor/manufacturer |  |

EVALUATION PROCEDURES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> oral feedback    | <input checked="" type="checkbox"/> observation |
| <input checked="" type="checkbox"/> written feedback | <input type="checkbox"/> other _____            |

---

**B. Miners will also receive training in the following recommended subjects and for hazards that have accounted for the most fatalities and injuries at the mine, where appropriate [Section 46.8(c)].**

If any of the **recommended subjects** will be taught at the mine or at a site selected by the Wisconsin Mine Safety & Health Training Program (WMSHP), the "Yes" box is checked and a completed "Recommended Subject(s)" page for each is attached.

Yes  No

if any **other subjects** will be taught based on circumstances or conditions at the mine, the "Yes" box is checked and a completed "Other Subject(s)" page for each is attached.

Yes  No

### Recommended Subject(s)

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> SUBJECT: Applicable health and safety requirements, including mandatory standards |   |
| <input checked="" type="checkbox"/> SUBJECT: Transportation controls and communication systems                        |   |
| <input checked="" type="checkbox"/> SUBJECT: Escape and emergency evacuation plans; firewarning and firefighting      |   |
| <input checked="" type="checkbox"/> SUBJECT: Ground conditions and control  | <input checked="" type="checkbox"/> SUBJECT: Traffic patterns & control |
| <input checked="" type="checkbox"/> SUBJECT: Working in areas of highwalls  | <input checked="" type="checkbox"/> SUBJECT: Illumination & night work  |

- SUBJECT: Water hazards, pits, and spoil banks
- SUBJECT: First aid
- SUBJECT: Prevention of accidents
- SUBJECT: Explosives
- SUBJECT: Mobile equipment; conveyor systems; cranes; crushers; excavators; and dredges
- SUBJECT: Maintenance and repair; material handling; fall prevention and protection; and working around moving objects.
- SUBJECT: Electrical hazards
- SUBJECT: Health
- SUBJECT: Respiratory devices

Approximate Time(s): 00 hours 10 minutes to 07 hours 50 minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual
- site tour (if training conducted at mine site)
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacture
- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback
- observation
- other \_\_\_\_\_

**Other Subject(s)**

\_\_\_ Subject Title:   
 [Section 46.8(d)]

Approximate Time(s): \_\_ hours \_\_ minutes to \_\_ hours \_\_ minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual
- site tour
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacture
- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback
- observation
- other \_\_\_\_\_

## Hazard Awareness Training Program (Section 46.11)

Site-specific hazard awareness training will be given before any person specified under this section is exposed to mine hazards [Section 46.11(a)].

This training will be given to any person who is not a miner as defined by Section 46.2 but is present at the mine site. Such persons may include, but are not limited to, office personnel, delivery workers, and customers [Section 46.11(b)]. This training will also be provided to miners, such as drillers or blasters, who move from one mine to another mine while remaining employed by the same production-operator or independent contractor [Section 46.11(c)].

Site-specific hazard awareness training is not required for any person who is accompanied at all times by an experienced miner who is familiar with hazards specific to the mine [Section 46.11(f)].

The production-operator has primary responsibility for ensuring that hazard awareness training is given to employees of independent contractors who are required to receive that training. The production-operator will provide information to each independent contractor who employs a person at the mine on site-specific mine hazards [Section 46.12(a)].

Each independent contractor who employs a miner (as defined in Section 46.2) at the mine has primary responsibility for providing new miner training, newly-hired experienced miner training, new task training, and annual refresher training. Independent contractors will inform the production-operator of any hazards contractors may create by the performance of their work at the mine [Section 46.12(b)].

**A. Training each person receives will address site-specific health and safety risks. The training will include the following subjects or other special safety procedures, where appropriate [Section 46.11(d)].**

*Independent contractors who will be receiving hazard awareness training from the production-operator and will not need to provide this training to their own employees or employees of other independent contractors are not required to complete this part of the training plan.*

Contractors may check here when this part is:  not applicable.

1. SUBJECT: **Hazards to which miners may be exposed while at the mine, including applicable emergency procedures**

Approximate Time(s): 00 hours 10 minutes to 02 hours 00 minutes

TEACHING METHODS:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> lecture          | <input checked="" type="checkbox"/> site tour     |
| <input checked="" type="checkbox"/> discussion       | <input checked="" type="checkbox"/> demonstration |
| <input checked="" type="checkbox"/> audiovisual      | <input type="checkbox"/> other _____              |
| <input checked="" type="checkbox"/> written warnings |   |

COURSE MATERIALS:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> MSHA                   | <input checked="" type="checkbox"/> checklist(s)              |
| <input checked="" type="checkbox"/> company                | <input checked="" type="checkbox"/> signs and posted warnings |
| <input checked="" type="checkbox"/> vendor/manufacture     | <input checked="" type="checkbox"/> applicable regulations    |
| <input checked="" type="checkbox"/> company rules/policies | <input type="checkbox"/> other _____                          |

- oral feedback
- written feedback

- observation
- other \_\_\_\_\_

EVALUATION PROCEDURES:

If other subjects will be taught to address site-specific **health and safety risks** at the mine, the “Yes” box is checked and a completed “Health and Safety Subject(s)” page for each is attached.

- Yes  No

If any **other subjects** will be taught based on circumstances or conditions at the mine, the “Yes” box is checked and a completed “Other Subject(s)” page for each is attached.

- Yes  No

**B. Training will be provided to miners, such as drillers or blasters, who move from one mine to another mine while remaining employed by the same production-operator or independent contractor [Section 46.11(c)].**

*Independent contractors who will be receiving this training from the production-operator and will not be providing this training to employees of other independent contractors are not required to complete this part of the training plan.*

Contractors may check here when this part is:  not applicable.

**1. SUBJECT: Hazards to which miners may be exposed while at the mine, including applicable emergency procedures**

Approximate Time(s): \_\_ hours \_\_ minutes to \_\_ hours \_\_ minutes

TEACHING METHODS:

- lecture
- discussion
- audiovisual
- written warnings
- site tour
- demonstration
- other \_\_\_\_\_

COURSE MATERIALS:

- MSHA
- company
- vendor/manufacture
- company rules/policies
- checklist(s)
- applicable regulations
- other \_\_\_\_\_

EVALUATION PROCEDURES:

- oral feedback
- written feedback
- observation
- other \_\_\_\_\_

## Health and Safety Subject(s)

- \_\_\_ SUBJECT: Unique geologic or environmental conditions, where applicable
- \_\_\_ SUBJECT: Recognition and avoidance of hazards such as electrical hazards
- \_\_\_ SUBJECT: Powered haulage hazards, where applicable
- \_\_\_ SUBJECT: Traffic patterns and control, and restricted areas
- \_\_\_ SUBJECT: Warning and evacuation signals
- \_\_\_ SUBJECT: Evacuation and emergency procedures
- \_\_\_ SUBJECT: Other special safety procedures, if any

Approximate Time(s): \_\_\_ hours \_\_\_ minutes to \_\_\_ hours \_\_\_ minutes

### TEACHING METHODS:

- |                                      |  |
|--------------------------------------|--|
| <input type="checkbox"/> lecture     | <input type="checkbox"/> demonstration |
| <input type="checkbox"/> discussion  | <input type="checkbox"/> site tour     |
| <input type="checkbox"/> audiovisual | <input type="checkbox"/> other _____   |

### COURSE MATERIALS:

- |   |   |
|---|---|
| <input type="checkbox"/> MSHA                   | <input type="checkbox"/> checklist(s)           |
| <input type="checkbox"/> company                | <input type="checkbox"/> applicable regulations |
| <input type="checkbox"/> vendor/manufacture     | <input type="checkbox"/> other _____            |
| <input type="checkbox"/> company rules/policies |   |

### EVALUATION PROCEDURES:

- |   |                                      |
|---|--------------------------------------|
| <input type="checkbox"/> oral feedback    | <input type="checkbox"/> observation |
| <input type="checkbox"/> written feedback | <input type="checkbox"/> other _____ |

## Part 46 Miners' Rights Pertaining to Training Plans

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The miners or their representatives must be notified when a plan is submitted for Regional Manager approval. Miners and their representatives may also request review and approval of the plan by the Regional Manager, and must notify the production-operator or independent contractor of such request [Section 46.3(c)].

The miners' representative, if any, must be provided with a copy of the plan at least 2 weeks before the plan is implemented or submitted to the Regional Manager for approval. At mines where no miners' representative has been designated, a copy of the plan must be posted at the mine or provided to each miner at least 2 weeks before the plan is implemented or submitted to the Regional Manager for approval [Section 46.3(d)].

Within 2 weeks following the receipt or posting of the training plan, miners or their representatives may submit written comments on the plan to the operator, or to the Regional Manager, as appropriate [Section 46.3(e)].

The miners or their representatives must be notified of the approval, or status of the approval, of the training plan within 30 days after the date on which the operator submitted the training plan for approval or the date on which a miner or miners' representative requested approval of the plan [Section 46.3(f)].

The miners' representative, if any, must be provided with a copy of the approved plan within 1 week after approval. At mines where no miners' representative has been designated, a copy of the plan must be posted at the mine or provided to each miner within 1 week after approval [Section 46.3(g)].

If miners or miners' representatives wish to appeal a decision of the Regional Manager, they must send the appeal, in writing, to the Director for Educational Policy and Development, MSHA, 1100 Wilson Boulevard, Arlington, Virginia, 22209, within 30 days after notification of the Regional Manager's decision. The Director will issue a decision within 30 days after receipt of the appeal [Section 46.3(h)].

A copy of the current training plan must be made available at the mine for examination by miners and their representatives. If the training plan is not maintained at the mine, the operator must have the capability to provide the plan within one business day upon request of miners or their representatives [Section 46.3(i)].

For additional information, you may also refer to the MSHA Guide to Miners' Rights and Responsibilities Under the Federal Mine Safety and Health Act of 1977 (OT-2).

### Part 46 List of Subject Areas

*You may select the subject area(s) for the competent person or organization from the list below. Select all that apply, or write in your own description for other subjects in the space provided on the plan.*

New miner training	Ground conditions and control
Newly-hired experienced miner training	Working in areas of highwalls
New task training	Water hazards, pits, and spoil banks
Annual refresher training	Illumination and night work
Hazard awareness training	Electrical hazards
	Prevention of accidents
Introduction to work environment	Health
Recognition and avoidance of electrical hazards and other hazards, such as traffic patterns and control, mobile equipment, and ground conditions	Explosives
Emergency medical procedures, escape and emergency evacuation plans, and firewarning signals and firefighting procedures	Respiratory devices
Health and safety aspects of the tasks to be assigned	Maintenance and repair; material handling; fall prevention and protection; and working around moving objects
Statutory rights of miners and their representatives	Mobile equipment; conveyor systems; cranes; crushers; excavators; and dredges
Authority and responsibilities of supervisors and miners' representatives	Hazards the miner may be exposed to while at the mine, including applicable emergency procedures
Introduction to rules and procedures for reporting hazards	Unique geologic or environmental conditions
Self-rescue and respiratory devices	Recognition and avoidance of hazards, such as electrical hazards
First aid	Powered haulage hazards
Health and safety aspects and safe work procedures of the new task	Traffic patterns and control
Change in a miner's assigned task that affects the health and safety risks	Restricted areas
Changes at the mine that affect the miner's health or safety	Warning and evacuation signals
Firewarning and firefighting	Other special safety procedures

## Part 46 List of Tasks

---

*You may select the task(s) to include for training from the list below, or write in your own description in the space provided on the plan.*

Auger helper	Scalper / screen / sizing / tipple plant worker
Auger operator	Scoop car / tram / load haul dump operator
Barge attendant / boat operator / dredge operator	Shopman / millwright / machinist / bit sharpener
Belt man / conveyor crew / vulcanizer	Shotfirer / blaster / shooter / helper
Belt / conveyor man/crew	Shovel operator (stripping / loading)
Bobcat operator	Silo / train load out operator
Brake man / rope rider / car dropper	Sizing / washing / cleaning plant operator / worker
Bulldozer / tractor operator	Stone finishing / sizing personnel
Car dump / rotary dump / shake-out operator / helper	Supervisory / management / foreman / boss
Car dump / shake-out / roscoe / loaderhead operator	Supplyman / warehouseman / supply driver
Cement man / mason / brick layer	Survey crew
Clam shell operator	Timberman / propman / steel setter / steelworker
Cleanup man	Track man / track gang / tamping machine operator
Crane operator	Trainee
Cutting machine helper	Truck driver
Cutting machine operator	Union official/safety representative
Dispatcher	Ventilation man / crew / builder / brattice man
Drill helper / chuck tender	Watchman/guard
Drill operator (wagon / diamond)	Water attendant
Driver jeep / pickup	Weighman / scaleman / timekeeper / clerk
Dryer / kiln operator / worker	Welder / blacksmith
Electrician / helper / wireman	Yard engine engineer / fireman
Engineer (electrical / mining)	
Forklift operator	
Front-end loader / high lift operator	
Grader / road roller operator	
Hand loader	
Highwall drill operator / helper	
Hoistman / hoist engineer / helper	
Inspector / preshifter	
Laborer / utility man / bull gang	
Loading machine helper	
Loading machine / loader operator	
M/NM sampler/dust sampler / lab technician	
Mechanic / repairman / helper	
Miner NEC / surface miner	
Mucking machine operator	
Oiler / greaser	
Plumber / carpenter / painter	
Pumper	
Rock driller	
Rotary bucket excavator operator	