

# Part 48 Training Program Optional Training Plan Format

Independent Contractors, Grantees, and Other Training Providers

## Surface Mines- Subpart "B"

Mine ID #: STATE PLAN- ( Montana )

### General Information

#### 1. Company and mine names

**MSHA ID #:** State Plan  
**Company Name:** State of Montana/DOLI/Safety Bureau  
**Address:** 1625 11<sup>th</sup> Avenue / Helena, Mt.  
**Mine Name:** N/A

#### 2. Person responsible for health and safety training at the mine

**Name:** Mr. Bryan Page  
**Position/Title:** Bureau Chief/Safety Bureau  
**Phone Number:** 406-444-1605  
**E-Mail:** Bpage@mt.gov

#### 3. MSHA approved instructors and courses each is qualified to teach

Name(s)	MIIN	Course Code(s)
David L. Armstrong Sr.	M05221447	IS,IU,FA
Gordon Brannon	M87718269	IS,IU,IN,CH,CJ,GB,MS,AP,CS,FA,CI (UNLIMITED)
Berke Brown	M57987103	IS,IU,FA (UNLIMITED)
Jerry Laughery		
Bryan Page		
Bill Schwarzkoph	M36871346	IS,IU,FA

(NEED MIIN /Course Codes for All Instructors)

#### 4. Location(s) where training will be given

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New Miner:	mine site/offsite
Experienced Miner:	mine site/offsite
Task Training:	mine site/offsite
Annual Refresher Training:	mine site/offsite
Hazard Training:	mine site/offsite

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#### 5. Number of miners and trainees

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Approximate number of miners employed:

**Maximum number of trainees per training session:**

**50 per session**

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### New Miner Training Program

Section 48.25

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Each new miner will receive no less than 24 hours of training as prescribed in this section. The State of Montana will accommodate (20-hrs.) of this training, with (4-hrs.) to be completed on Site. **(Contractors to receive full 24 hrs by an approved MSHA certified Trainer)**

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### New Miner Training Request

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Request that part of training be given after work assignment? **NO**

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### Subjects

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

Teaching Methods: audio/video, discussion, lecture  
Course Materials: 1977 Mine Act, applicable regulations, company, company rules, MSHA  
Evaluation Methods: oral feedback, written feedback

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

Teaching Methods: demonstration, discussion, audio/video, lecture  
Course Materials: applicable regulations, MSHA, training devices, vendor/manufacture, company  
Evaluation Methods: observation, oral feedback, written feedback

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

Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: applicable regulations, company, mine communication systems, MSHA, vendor/manufacture, warning signals/directional signs  
Evaluation Methods: observation, oral feedback, written feedback

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

Teaching Methods: audio/video, discussion, lecture  
Course Materials: applicable regulations, company, MSHA, vendor/manufacture  
Evaluation Methods: observation, oral feedback, written feedback

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

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Teaching Methods:	audio/video, demonstration, discussion, lecture,
Course Materials:	applicable regulations, company, escape and emergency evacuation plans, fire warning signals and firefighting procedures, mine escape system, MSHA, vendor/manufacturere
Evaluation Methods:	observation, oral feedback, written feedback

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

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Teaching Methods:	audio/video, discussion, lecture,
Course Materials:	applicable regulations, company, high wall and ground control plans, MSHA
Evaluation Methods:	oral feedback, written feedback

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**7. Health** [§ 48.25(b) (7)]

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Teaching Methods:	audio/video, demonstration, discussion, lecture
Course Materials:	1977 Mine Act, applicable regulations, company, dosimeters, dust control plan, health control plans, MSDS, MSHA, protective equipment, warning labels
Evaluation Methods:	oral feedback, written feedback

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**8. Hazard recognition** [§ 48.25(b) (8)]

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Teaching Methods:	audio/video, discussion, lecture,
Course Materials:	applicable regulations, company, MSHA
Evaluation Methods:	oral feedback, written feedback

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**9. Electrical hazards** [§ 48.25(b) (9)]

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Teaching Methods:	audio/video, discussion, lecture
Course Materials:	applicable regulations, company, lockout devices, MSHA, vendor/manufacturere
Evaluation Methods:	oral feedback, written feedback

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**10. First aid** [§ 48.25(b) (10)]

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Teaching Methods:	audio/video, demonstration, discussion, lecture
Course Materials:	applicable regulations, company, first aid supplies, MSHA, vendor/manufacturere
Evaluation Methods:	observation, oral feedback, written feedback

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**11. Explosives** [§ 48.25(b) (11)]

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Teaching Methods:	audio/video, discussion, lecture
Course Materials:	applicable regulations, company, MSHA, vendor/manufacturere
Evaluation Methods:	oral feedback, written feedback

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

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Teaching Methods:	audio/video, demonstration, discussion, lecture,
Course Materials:	applicable regulations, company, Hassam Program, MSDS, MSHA, protective equipment, safe work procedures, vendor/manufacturere
Evaluation Methods:	observation, oral feedback, written feedback

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## Other Subjects

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### 1. Welding/Cutting

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Teaching Methods: audio/video, demonstration, discussion, lecture,  
Course Materials: applicable regulations, company, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback

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### 2. Lock-Out/Tag-Out

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Teaching Methods: audio/video, demonstration, discussion, lecture,  
Course Materials: applicable regulations, company, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback

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### 3. Slings/Rigging Hazards

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Teaching Methods: audio/video, demonstration, discussion, lecture,  
Course Materials: applicable regulations, company, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback

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## Surface Mines- Part “B”

### ID # : STATE PLAN- ( Montana )

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#### Experienced Miner Training Program

#### Section 48.26

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

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#### Subjects

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

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Teaching Methods:	audio/video, discussion, lecture
Course Materials:	applicable regulations, company, mine equipment, mine map, MSHA, vendor/manufacturer
Evaluation Methods:	observation, oral feedback, written feedback

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

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Teaching Methods:	audio/video, demonstration, discussion, lecture
Course Materials:	applicable regulations, company, mine act, MSHA, vendor/manufacturer
Evaluation Methods:	oral feedback, written feedback

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

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Teaching Methods:	audio/video, discussion, lecture
Course Materials:	applicable regulations, company, company organization chart, company reporting procedures for hazards, mine act, MSHA
Evaluation Methods:	oral feedback, written feedback

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

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Teaching Methods:	audio/video, demonstration, discussion, lecture
Course Materials:	applicable regulations, company, mine communication systems, MSHA, vendor/manufacturer, warning signals/directional signs
Evaluation Methods:	observation, oral feedback, written feedback

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

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Teaching Methods: audio/video, discussion, lecture,  
Course Materials: applicable regulations, company, escape and emergency evacuation plans, fire warning signals and firefighting procedures, MSHA, mine escape system, vendor/manufacture  
Evaluation Methods: observation, oral feedback, written feedback

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

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Teaching Methods: audio/video, discussion, lecture,  
Course Materials: applicable regulations, company, high wall and ground control plans, MSHA  
Evaluation Methods: oral feedback, written feedback

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**7. Hazard recognition** [§ 48.26(b) (7)]

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Teaching Methods: audio/video, discussion, lecture  
Course Materials: applicable regulations, blasting procedures, company, MSHA, vendor/manufacture  
Evaluation Methods: oral feedback, written feedback

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

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Teaching Methods: audio/video, discussion, lecture  
Course Materials: accident reports, applicable regulations, company, MSHA, vendor/manufacture  
Evaluation Methods: oral feedback, written feedback

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

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Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: applicable regulations, company, emergency medical arrangements, MSHA, vendor/manufacture  
Evaluation Methods: observation, oral feedback, written feedback

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**10. Health** [§ 48.26(b) (10)]

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Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: 1977 Mine Act, applicable regulations, company, dosimeters, dust control plan, ground control plan, MSDS, MSHA, protective equipment, warning labels  
Evaluation Methods: observation, oral feedback, written feedback

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

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Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: applicable regulations, company, HazCom Program, MSDS, MSHA, protective equipment, safe work procedures, vendor/manufacture  
Evaluation Methods: observation, oral feedback, written feedback

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## Other Subjects

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### 1. Lock-Out/Tag-Out

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Teaching Methods: audio/video, demonstration, discussion, lecture,  
Course Materials: applicable regulations, company, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback

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### 2. Welding/Cutting Hazards

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Teaching Methods: audio/video, demonstration, discussion, lecture,  
Course Materials: applicable regulations, company, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback

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### 3. Slings/Rigging Hazards

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Teaching Methods: audio/video, demonstration, discussion, lecture,  
Course Materials: applicable regulations, company, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback



# Part 48 Training Program Optional Training Plan Format

## Surface Mines – Part “B”

### ID # : STATE PLAN- ( Montana )

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#### Annual Refresher Training Program

Section 48.28

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

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Predicted time of each session of refresher training is **Predicted Time. (On an as Needed Basis)**

Predicted length of each session of refresher training is **8 hour session.**

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#### Subjects

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

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Approximate Time:	0:30 - 1:00 [hrs:mins]
Teaching Methods:	audio/video, demonstration, discussion, computer, lecture
Course Materials:	applicable regulations, company, MSHA
Evaluation Methods:	oral feedback

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

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Approximate Time:	0:30 - 1:00 [hrs:mins]
Teaching Methods:	audio/video, demonstration, discussion, lecture,
Course Materials:	applicable regulations, company, mine communication systems, MSHA, warning signals/directional signs, vendor/manufacturer
Evaluation Methods:	observation, oral feedback, written feedback

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

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Approximate Time:	0:30 - 1:00 [hrs:mins]
Teaching Methods:	audio/video, discussion, lecture,
Course Materials:	applicable regulations, company, escape and emergency evacuation plans, fire warning signals and firefighting procedures, mine escape system, MSHA, vendor/manufacturer
Evaluation Methods:	observation, oral feedback, written feedback

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

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Approximate Time: 0:30 - 1:00 [hrs:mins]  
Teaching Methods: audio/video, discussion, lecture,  
Course Materials: applicable regulations, company, high wall and ground control plans, MSHA  
Evaluation Methods: oral feedback, written feedback

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**5. First aid** [§ 48.28(b) (5)]

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Approximate Time: 0:30 - 6:00 [hrs:mins]  
Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: applicable regulations, company, first aid supplies, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback

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**6. Electrical hazards** [§ 48.28(b) (6)]

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Approximate Time: 0:30 - 1:00 [hrs:mins]  
Teaching Methods: audio/video, discussion, lecture  
Course Materials: applicable regulations, company, lockout devices, MSHA, vendor/manufacturer  
Evaluation Methods: oral feedback, written feedback

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

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Approximate Time: 0:30 - 1:00 [hrs:mins]  
Teaching Methods: audio/video, discussion, lecture  
Course Materials: accident reports, applicable regulations, company, MSHA  
Evaluation Methods: oral feedback

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**8. Health** [§ 48.28(b) (8)]

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Approximate Time: 0:30 - 1:00 [hrs:mins]  
Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: 1977 Mine Act, applicable regulations, company, dosimeters, dust control plan, health control plans, MSDS, MSHA, protective equipment, warning labels  
Evaluation Methods: oral feedback

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**9. Explosives** [§ 48.28(b) (9)]

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Approximate Time: 0:30 - 1:00 [hrs:mins]  
Teaching Methods: audio/video, discussion, lecture  
Course Materials: applicable regulations, company, MSHA  
Evaluation Methods: oral feedback, written feedback

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

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Approximate Time: 0:30 - 1:00 [hrs:mins]  
Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: applicable regulations, company, MSHA, training devices, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback

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## Other Subjects

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### 1. Welding/Cutting

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Approximate Time: 0:30 - 1:00 [hrs:mins]  
Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: applicable regulations, company, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback

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### 2. Lock-Out/Tag-Out

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Approximate Time: 0:30 - 1:00 [hrs:mins]  
Teaching Methods: audio/video, demonstration, discussion, lecture,  
Course Materials: applicable regulations, company, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback

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### 3. Slings/Rigging Hazards

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Approximate Time: 0:30 - 1:00 [hrs:mins]  
Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: applicable regulations, company, MSHA, vendor/manufacturer  
Evaluation Methods: observation, oral feedback, written feedback

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