

Part 48 Training Program Optional Training Plan Format

Metal/Nonmetal Surface Mines

General Information - Part 48(b)

Company and mine (if applicable) names

ID: Y68
Company Name: General Drilling Div Of Tri Ge
Street/P.O. Box: 16565 River Rd
City: Nobelsville
State: IN
Zip Code: 460621111
Country: USA

Person responsible for health and safety training at the mine

Name: Bruce Hutson
Title: Safety Director
Phone Number: (317) 849-5612
Email: bruce@generaldrilling.com

MSHA approved instructors and courses each is qualified to teach

Name: Bruce Hutson
MIIN: M95786442
Course Code(s): IS-ALL
Name: Matthew Boatman
MIIN: M45229211
Course Code(s): IS-ALL
Name: David Keil
MIIN: M53507383
Course Code(s): IS-ALL
Name: Dennis Sullens
MIIN: M30240949
Course Code(s): CZ-ALL, IU-ALL, MR-ALL, IS-ALL
Name: Hannah Hill
MIIN: M42176534
Course Code(s): IU-ALL, IS-ALL

Location(s) where training will be given

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

Number of miners and trainees

Approximate number of miners employed: 40
Maximum number of trainees per training session: 25

Plan Remarks

Updating training plan to add new

trainers and accommodate the current growth of the work force.

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New Miner Training Program - Part 48.25

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

Section 48.25(b) Subjects

Applicable

Request to train new miners after work assignment.

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

No

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

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

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

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

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

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

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

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

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

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

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

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

7. Health [§ 48.25(b)(7)]

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

8. Hazard recognition [§ 48.25(b)(8)]

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

9. Electrical hazards [§ 48.25(b)(9)]

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

10. First aid [§ 48.25(b)(10)]

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

11. Explosives [§ 48.25(b)(11)]

This subject is: Applicable
Teaching Methods: Audio / video, Discussion, Lecture
Course Materials: Applicable regulations, MSHA, Company
Evaluation Methods: Oral feedback, Written feedback

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

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

Experienced Miner Training Program - Part 48.26

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

Section 48.26(b) Subjects

Applicable

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

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

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

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

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

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

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

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

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

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

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

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

7. Hazard recognition [§ 48.26(b)(7)]

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

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

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

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

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

10. Health [§ 48.26(b)(10)]

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

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

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

New Task Training Program - Part 48.27

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

Section 48.27(a) Subjects/Tasks

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

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

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

Applicable

List of Task Assignments

Bobcat operator, Highwall drill operator/helper

These miners will be trained as specified below before performing the new task

1. Health and safety aspects and safe operating procedures for work tasks, equipment or machinery [§ 48.27(a)(1)]

Teaching Methods: Lecture, Discussion, Demonstration

Course Materials: Job safety analyses (JSAs), HazCom program, Company, Material safety data sheets (MSDS), Protective equipment, Operating manuals, MSHA

Evaluation Methods: Observation, Oral feedback, Written feedback

2. Supervised practice during nonproduction or supervised operation during production [§ 48.27(a)(2)(i) or 48.27(a)(2)(ii)]

Teaching Methods: Supervised practice or operation, Demonstration, Discussion, Lecture

Course Materials: Company, Job safety analyses (JSAs), Operating manuals, MSHA

Evaluation Methods: Oral feedback, Observation, Written feedback

3. New or modified machines and equipment [§ 48.27(a)(3)]

Teaching Methods: Demonstration, Discussion, Lecture

Course Materials: Company, Job safety analyses (JSAs), Operating manuals, MSHA

Evaluation Methods: Oral feedback, Observation, Written feedback

Section 48.27(c) Subjects/Tasks

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

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

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

Applicable

List of Task Assignments

Inspector / preshifter, Lockout / tagout, Mechanic / repairman / helper, Miner NEC / surface miner, Oiler / greaser, Rock driller, Supervisory / management / foreman / boss, Trainee

These miners will be trained as specified below before performing the new task

1. Safety and health aspects and safe work procedures of the task [§ 48.27(c)]

Teaching Methods: Lecture, Discussion, Demonstration

Course Materials: Job safety analyses (JSAs), HazCom program, Company, Material safety data sheets (MSDS), Protective equipment, Operating manuals, MSHA

Evaluation Methods: Written feedback, Observation, Oral feedback

Annual Refresher Training Program - Part 48.28

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

Section 48.28(b) Subjects

Applicable

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

Predicted time of each session of refresher training is

December

Predicted length of each session of refresher training is

From 00:30 to 01:30 [hrs:mins]

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

Approximate Time: From 00:30 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Site tour
Course Materials: Applicable regulations, Vendor / manufacturer, MSHA, Company
Evaluation Methods: Observation, Oral feedback, Written feedback

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

Approximate Time: From 00:45 to 01:15 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture, Site tour
Course Materials: Applicable regulations, Company, Warning signals / directional signs, Vendor / manufacturer, Mine communication systems, MSHA
Evaluation Methods: Oral feedback, Observation, Written feedback

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

Approximate Time: From 00:45 to 01:00 [hrs:mins]
Teaching Methods: Discussion, Audio / video, Lecture, Site tour
Course Materials: Applicable regulations, Firewarning signals and firefighting procedures, Company, Vendor / manufacturer, MSHA, Escape and emergency evacuation plan, Mine escape system
Evaluation Methods: Oral feedback, Observation, Written feedback

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

Approximate Time: From 00:45 to 01:15 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture, Site tour
Course Materials: Applicable regulations, Company, MSHA, Highwall plan, Ground control plan
Evaluation Methods: Oral feedback, Written feedback

5. First aid [§ 48.28(b)(5)]

Approximate Time: From 01:00 to 01:45 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA, First aid supplies
Evaluation Methods: Observation, Oral feedback, Written feedback

6. Electrical hazards [§ 48.28(b)(6)]

Approximate Time: From 00:45 to 01:15 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture
Course Materials: Applicable regulations, Company, Vendor / manufacturer, Lockout devices, MSHA
Evaluation Methods: Oral feedback, Written feedback

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

Approximate Time: From 01:00 to 01:30 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture
Course Materials: Accident reports, Applicable regulations, Vendor / manufacturer, Company, MSHA
Evaluation Methods: Oral feedback, Written feedback

8. Health [§ 48.28(b)(8)]

Approximate Time: From 00:30 to 01:00 [hrs:mins]
Teaching Methods: Lecture, Discussion, Demonstration, Audio / video
Course Materials: Dosimeters, Company, Applicable regulations, 1977 Mine Act, Dust control plan, Warning labels, Protective equipment, Health control plan, Material safety data sheets (MSDS), MSHA
Evaluation Methods: Observation, Oral feedback, Written feedback

9. Explosives [§ 48.28(b)(9)]

This subject is: Applicable
Approximate Time: From 00:45 to 01:15 [hrs:mins]
Teaching Methods: Audio / video, Discussion, Lecture
Course Materials: Applicable regulations, Company, Vendor / manufacturer, MSHA
Evaluation Methods: Oral feedback, Written feedback

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

This subject is: Applicable
Approximate Time: From 00:30 to 01:00 [hrs:mins]
Teaching Methods: Audio / video, Demonstration, Discussion, Lecture
Course Materials: Company, Applicable regulations, MSHA, Vendor / manufacturer, Training devices
Evaluation Methods: Fit test, Oral feedback, Observation, Written feedback

Section Total Minimum and Maximum Time

Section 48.28(b) Total
Minimum: 07:15 [hrs:mins]
Section 48.28(b) Total
Maximum: 12:15 [hrs:mins]

Program Total Minimum and Maximum Time

Total Minimum: 07:15 [hrs:mins]
Total Maximum: 12:15 [hrs:mins]

Hazard Training Program - Part 48.31

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

Section 48.31(a) Subjects

Not Applicable