

**U.S. Department of Labor**

Mine Safety and Health Administration  
Duluth Federal Bldg., U.S. Courthouse  
515 W. First Street, Rm 333  
Duluth, Minnesota 55802-1302



June 26, 2012

Steve Geist  
General Drilling Div of Tri Ge  
PO Box 211  
Fishers, IN 46038

Dear Mr. Geist:

The Part 48 subpart A training program submitted for General Drilling Div of Tri Ge, Contractor ID# Y68 has been approved.

Please notify MSHA of your next scheduled class so an Educational Field Service representative has the opportunity to monitor your training. This can be done by contacting Amy Sandelin at the above address, telephone, 218-740-0086, fax 218-720-5650, or email at Sandelin.Amy@dol.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Richetta".

Steve Richetta  
District Manager

Cc: EFS (files)  
Field Office Supervisor  
Chron

# Part 48 Training Program Optional Training Plan Format

## Independent Contractors Metal/Nonmetal Underground Mines

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### General Information

#### 1. Company and mine names

MSHA ID #: Y68  
 Company Name: General Drilling Div Of Tri Ge  
 Address: 126th State St & S R 37, Fishers, IN 46038  
 Mine Name: n/a

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

Name: Steve Geist  
 Position/Title: Safety Manager  
 Phone Number: (317) 849-5612  
 E-Mail: steve@generaldrilling.com

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

| Name(s)        | MIIN      | Course Code(s) |
|----------------|-----------|----------------|
| David McDowell | M31396890 | IS, IU         |
| Steve Geist    | M49807949 | IS, IU         |
| Ron Bucci      | M88876036 | IS, IU         |

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

New Miner: minesite/offsite  
 Experienced Miner: minesite/offsite  
 Task Training: minesite/offsite  
 Annual Refresher Training: minesite/offsite  
 Hazard Training: minesite/offsite

#### 5. Number of miners and trainees

Approximate number of miners employed: 40  
 Maximum number of trainees per training session: 35

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# Part 48 Training Program Optional Training Plan Format

## Independent Contractors Metal/Nonmetal Underground Mines ID # Y68

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### New Miner Training Program

### Section 48.5

Each new miner will receive no less than 40 hours of training as prescribed in this section. Approximately 8 hours of training will be given at the mine site.

### Subjects

#### 1. Statutory rights of miners and their representatives under the Act; authority and responsibility of supervisors [§ 48.5(b)(1)]

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

#### 2. Self-rescue and respiratory devices [§ 48.5(b)(2)]

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

#### 3. Entering and leaving the mine; transportation; communications [§ 48.5(b)(3)]

Teaching Methods: audio/video, discussion, lecture  
 Course Materials: applicable regulations, check-in/check-out procedures, company, mine communication systems, MSHA, warning signals/directional signs  
 Evaluation Methods: observation, oral feedback

#### 4. Introduction to work environment [§ 48.5(b)(4)]

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

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#### 5. Mine map; escapeways; emergency evacuation; barricading [§ 48.5(b)(5)]

Teaching Methods: audio/video, demonstration, discussion, lecture  
 Course Materials: applicable regulations, company, escape, firefighting, and emergency evacuation plans, escapeway system, firefighting equipment, mine map, MSHA  
 Evaluation Methods: observation, oral feedback

#### 6. Roof or ground control and ventilation plans [§ 48.5(b)(6)]

Teaching Methods: audio/video, discussion, lecture  
 Course Materials: applicable regulations, company, MSHA, roof or ground control plans, ventilation plan  
 Evaluation Methods: oral feedback

#### 7. Health [§ 48.5(b)(7)]

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

#### 8. Cleanup; rock dusting [§ 48.5(b)(8)]

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

#### 9. Hazard recognition [§ 48.5(b)(9)]

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

#### 10. Electrical hazards [§ 48.5(b)(10)]

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

#### 11. First aid [§ 48.5(b)(11)]

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

#### 12. Mine gases [§ 48.5(b)(12)]

Teaching Methods: audio/video, discussion, lecture  
 Course Materials: applicable regulations, company, gas detection equipment, MSHA  
 Evaluation Methods: observation, oral feedback

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**13. Health and safety aspects of the tasks to which the new miner will be assigned** [§ 48.5(b)(13)]

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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  
Evaluation Methods: observation, oral feedback

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# Part 48 Training Program Optional Training Plan Format

## Independent Contractors Metal/Nonmetal Underground Mines ID # Y68

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### Experienced Miner Training Program

### Section 48.6

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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 [§ 48.6(b)(1)]

|                     |   |
|---------------------|---|
| Teaching Methods:   | audio/video, discussion, lecture, site tour           |
| Course Materials:   | applicable regulations, company, mine equipment, MSHA |
| Evaluation Methods: | observation, oral feedback                            |

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#### 2. Mandatory health and safety standards [§ 48.6(b)(2)]

|                     |   |
|---------------------|---|
| Teaching Methods:   | audio/video, discussion, lecture                |
| Course Materials:   | applicable regulations, company, mine act, MSHA |
| Evaluation Methods: | oral feedback                                   |

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#### 3. Authority and responsibility of supervisors and miners' representatives [§ 48.6(b)(3)]

|                     |   |
|---------------------|---|
| 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   |

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#### 4. Entering and leaving the mine; transportation; communications [§ 48.6(b)(4)]

|                     |   |
|---------------------|---|
| Teaching Methods:   | audio/video, discussion, lecture  |
| Course Materials:   | applicable regulations, check-in/check-out procedures, company, mine communication systems, MSHA, warning signals/directional signs |
| Evaluation Methods: | observation, oral feedback  |

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#### 5. Mine map; escapeways; emergency evacuation; barricading [§ 48.6(b)(5)]

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Teaching Methods: audio/video, demonstration, discussion, lecture  
 Course Materials: applicable regulations, company, escape, firefighting, and emergency evacuation plans, escapeway system, firefighting equipment, mine map, MSHA  
 Evaluation Methods: observation, oral feedback

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#### 6. Roof or ground control and ventilation plans [§ 48.6(b)(6)]

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Teaching Methods: audio/video, discussion, lecture  
 Course Materials: applicable regulations, company, MSHA, roof or ground control plans  
 Evaluation Methods: oral feedback

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#### 7. Hazard recognition [§ 48.6(b)(7)]

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

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#### 8. Prevention of accidents [§ 48.6(b)(8)]

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

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#### 9. Emergency medical procedures [§ 48.6(b)(9)]

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

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#### 10. Health [§ 48.6(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, MSDS, MSHA, protective equipment, warning labels  
 Evaluation Methods: observation, oral feedback

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#### 11. Health and safety aspects of the tasks to which the experienced miner is assigned [§ 48.6(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  
 Evaluation Methods: observation, oral feedback

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#### 12. Self-rescue and respiratory devices [§ 48.6(b)(12)]

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

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# Part 48 Training Program Optional Training Plan Format

**Independent Contractors  
Metal/Nonmetal Underground Mines  
ID # Y68**

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## Task Training Program

## Section 48.7

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 48.7(a) Miners

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.

## List of Task Assignments

### Mobile Equipment Operators, Drilling, Haulage, Roof or Ground Control, and Blasting Operations

Tasks/Jobs/Occupations: Drill helper/chuck tender, Drill operator (wagon/diamond), Highwall drill operator/helper

## Subjects

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 [§ 48.7 (a)(1)]

|                     |  |          |
|---------------------|--|----------|
| Teaching Methods:   | demonstration, discussion, lecture   |          |
| Course Materials:   | company, HazCom Program, JSAs, MSDS, MSHA, operating manuals, protective equipment |          |
| Evaluation Methods: | observation, oral feedback   | APPROVED |

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### 2. Supervised practice during nonproduction or supervised operation during production [§ 48.7(a)(2)(i) or 48.7(a)(2)(ii)]

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Teaching Methods: demonstration, discussion, lecture, supervised practice or operation  
Course Materials: company, JSAs, MSHA, operating manuals  
Evaluation Methods: observation, oral feedback

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**3. New or modified machines and equipment** [§ 48.7(a)(3)]

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Teaching Methods: demonstration, discussion, lecture  
Course Materials: company, JSAs, MSHA, operating manuals  
Evaluation Methods: observation, oral feedback

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# Part 48 Training Program Optional Training Plan Format

## Independent Contractors Metal/Nonmetal Underground Mines ID # Y68

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### Annual Refresher Training Program

### Section 48.8

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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.

Predicted time of each session of refresher training is **December Annually**.

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

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### Subjects

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#### 1. Mandatory health and safety standards [§ 48.8(b)(1)]

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

#### 2. Transportation controls and communication systems [§ 48.8(b)(2)]

Approximate Time: From 0:45 to 1:15 [hrs:mins]  
Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: applicable regulations, company, mine communication systems, MSHA, warning signals/directional signs  
Evaluation Methods: observation, oral feedback

#### 3. Barricading [§ 48.8(b)(3)]

Approximate Time: From 0:30 to 1:00 [hrs:mins]  
Teaching Methods: audio/video, demonstration, discussion, lecture  
Course Materials: applicable regulations, barricading materials, company, mine emergency plans, MSHA  
Evaluation Methods: observation, oral feedback

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**4. Roof or ground control, ventilation, emergency evacuation and firefighting plans** [§ 48.8(b)(4)]

Approximate Time: From 0:45 to 1:15 [hrs:mins]  
 Teaching Methods: audio/video, discussion, lecture  
 Course Materials: applicable regulations, CO monitors, company, MSHA, roof or ground control plans, ventilation plan  
 Evaluation Methods: oral feedback

**5. First aid** [§ 48.8(b)(5)]

Approximate Time: From 1:00 to 1:30 [hrs:mins]  
 Teaching Methods: audio/video, demonstration, discussion, lecture  
 Course Materials: applicable regulations, company, first aid supplies, MSHA  
 Evaluation Methods: observation, oral feedback, written feedback

**6. Electrical hazards** [§ 48.8(b)(6)]

Approximate Time: From 1:00 to 1:15 [hrs:mins]  
 Teaching Methods: audio/video, discussion, lecture  
 Course Materials: applicable regulations, company, lockout devices, MSHA  
 Evaluation Methods: oral feedback

**7. Prevention of accidents** [§ 48.8(b)(7)]

Approximate Time: From 0:45 to 1:00 [hrs:mins]  
 Teaching Methods: audio/video, discussion, lecture  
 Course Materials: accident reports, applicable regulations, company, MSHA  
 Evaluation Methods: oral feedback

**8. Self-rescue and respiratory devices** [§ 48.8(b)(8)]

Approximate Time: From 0:25 to 0:45 [hrs:mins]  
 Teaching Methods: audio/video, demonstration, discussion, lecture  
 Course Materials: applicable regulations, company, MSHA, training devices  
 Evaluation Methods: fit test, observation, oral feedback

**9. Explosives** [§ 48.8(b)(9)]

Approximate Time: From 0:15 to 0:30 [hrs:mins]  
 Teaching Methods: audio/video, discussion, lecture  
 Course Materials: applicable regulations, company, MSHA  
 Evaluation Methods: oral feedback

**10. Mine gases** [§ 48.8(b)(10)]

Approximate Time: From 0:30 to 1:00 [hrs:mins]  
 Teaching Methods: audio/video, demonstration, discussion, lecture  
 Course Materials: applicable regulations, company, gas detection equipment, MSHA

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# Part 48 Training Program Optional Training Plan Format

## Independent Contractors Metal/Nonmetal Underground Mines ID # Y68

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### Hazard Training Program

### Section 48.11

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 48.2(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. Miners or persons subject to hazard training will be accompanied at all times while underground by an experienced miner. Experienced short-term contract workers, such as drillers or blasters, who received training under Section 48.6 may receive hazard training in lieu of more experienced miner training for each new mine employment.

### Subjects

#### 1. Hazard recognition and avoidance [§ 48.11(a)(1)]

Teaching Methods: audio/video, demonstration, discussion, lecture  
 Course Materials: applicable regulations, checklist(s), company, company rules and policies, MSHA  
 Evaluation Methods: observation, oral feedback

#### 2. Emergency and evacuation procedures [§ 48.11(a)(2)]

Teaching Methods: audio/video, demonstration, discussion, lecture  
 Course Materials: applicable regulations, company, emergency and evacuation plans, MSHA  
 Evaluation Methods: observation, oral feedback

#### 3. Health and safety standards, safety rules and safe working procedures [§ 48.11(a)(3)]

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

#### 4. Self-rescue and respiratory devices [§ 48.11(a)(4)]

|                     |   |              |
|---------------------|---|--------------|
| Teaching Methods:   | audio/video, demonstration, discussion, lecture         | APPROVED     |
| Course Materials:   | applicable regulations, company, MSHA, training devices | USDOL - MSHA |
| Evaluation Methods: | fit test, observation, oral feedback                    | NC DISTRICT  |