Part 48 TrainingProgram
Optional TrainingPlan Format

Independent Contractors
Coal Surface Mines
ID# FN4

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Annual Refresher Training Program — Section 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.

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

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

Subjects

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

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

2. Transportation controlsand communicationsystems[§ 48.28(b)(2)]

Approximate Time:	0:30 [hrs:mins]
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

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

Approximate Time:	0:30 [hrs:mins]
Teaching Methods:	audio/video, discussion, lecture, site tour
Course Materials:	applicable regulations, company, escape and emergency evacuation plans, firewarning signals and firefighting procedures, mine escape system, MSHA
Evaluation Methods:	observation, oral feedback, written feedback

4. Ground control; working in areas of highwalls, water hazards, pits and spoil banks; illumination and

night work[§ 48.28(b)(4)J

Approximate lime:	0:30 [hrs:mins]
Teaching Methods:	audio/video, discussion, lecture
Course Materials:	applicable regulations, company, highwall and ground control plans, MSHA
Evaluation Methods:	oral feedback, written feedback

5. First aid[§ 48.28(b)(5)J

Approximate lime:	2:00 [hrs:mins]
Teaching Methods:	audio/video, demonstration, discussion, lecture, AED
Course Materials:	applicable regulations, company, first aid supplies, MSHA, vendor/manufacturer
Evaluation Methods:	observation, oral feedback, written feedback

6. Electrical hazards[§ 48.28(b)(6)J

Approximate lime:	2:00 [hrs:mins]
Teaching Methods:	audio/video, discussion, lecture, Locks & Tags
Course Materials:	applicable regulations, company, lockout devices, MSHA, vendor/manufacturer
Evaluation Methods:	oral feedback, written feedback

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

Approximate lime:	From 0:30 to 2:00 [hrs:mins]
Teaching Methods:	audio/video, discussion, lecture
Course Materials:	accident reports, applicable regulations, company, MSHA, vendor/manufacturer
Evaluation Methods:	oral feedback, written feedback

8. Health[§ 48.28(b)(8)J

Approximate lime:	0:30 [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, written feedback

9. Explosives[§ 48.28(b)(9)J

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

10. Self-rescue and respiratorydevices[§ 48.28(b)(10)J

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

Total Minimum and Maximum Time

Total Minimum:	8:00 [hrs:mins]
Total Maximum:	9:30 [hrs:mins]

Remarks

First-Aid,CPR, AED

Part 77 Training Program
Optional Training Plan Format

Independent Contractors
Coal Surface Mines
ID# FN4

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Certified and Qualified Training Program — Section 77.107-1

General Information

1. Company and mine names

MSHAID#	FN4
Company Name	Arnold Machinery Co
Address	, SALT LAKE CITY, UT84130
Mine Name	n/a4

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

Name	Dan Bletzacker
Position/Title	Director: Environmental Health & Safety
Phone Number	(801) 889-9025
E-Mail	danb@arnoldmachinery.com

3. Location(s) where training will be given

Certified Persons	minesite
Qualified Persons	minesite

Certified Persons — Section 77.107-1(a)

The following program is for training and retraining persons whose work assignments require they be certified.

Subjects

1. Tasks and duties performed as a certified person[§ 77.107-1(a)J

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

2. First aid[§ 77.1706(a) & 77.1706(b)]

Initial Training:	30 hours
Refresher Training:	30 hours
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

3. Provisionsof Part 77 [§ 77.107-1(a)J

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

Qualified Persons — Section 77.107-1 (b)

The following program is for training and retraining persons whose work assignments require they be qualified.

Subjects

1. Tasks performed as a qualified person(§ 77.107-1(b)]

Teaching Methods:	audio/video, demonstration, discussion, lecture, site tour
Course Materials:	applicable regulations, company, devices, MSHA, safe work procedures, vendor/manufacturer
Evaluation Methods:	observation, oral feedback, written feedback

2. Electrical[§77.103]

This training will utilize an electrical program approved by the Secretary of Labor in accordance with Section 77.103.

3. Hoisting[§ 77.105]

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

4. Refuse/Impoundmentinspection(§ 77.216-3]

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

5. Methane and oxygen deficiency testing [§ 77.101]

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

Part 48 Training Program
Optional Training Plan Format

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Hazard Training Program — Section 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.

Subjects

1. Hazard recognition and avoidance [§48.31(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, written feedback

2. Emergency and evacuation procedures[§ 48.31(a)(2)]

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

3. Health and safety standards, safety rules and safe working procedures[§ 48.31(a)(3)]

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

4. Self-rescue and respiratory devices[§ 48.31(a)(4)]

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

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New Miner Training Program — Section 48.25

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

New Miner Training Request

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

Subjects

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

Teaching Methods:	audio/video, discussion, lecture
Course Materials:	1977 Mine Act, applicable regulations, company, company rules, MSHA, First-Aid, CPR, AED For First Responder
Evaluation Methods:	oral feedback, written feedback

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

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

3. Transportation controls and communications systems[§ 48.25(b)(3)J

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

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

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

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

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

7. Health[§ 48.25(b)(7)]

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

8. Hazard recognition[§ 48.25(b)(8)]

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

9. Electrical hazards[§ 48.25(b)(9)]

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

11. Explosives[§ 48.25(b)(11)]

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

Remarks

First-Aid & CPR, AED for Emergency Response

Part 48 Training Program
Optional Training Plan Format

Independent Contractors
Coal Surface Mines

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General Information

1. Company and mine names

MSHAID#:	FN4
Company Name:	Arnold Machinery Co
Address:	2975 West 2100 South, Salt Lake City, UT 84119
Mine Name:	n/a

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

Name:	Dan Bletzacker
Position/Title:	Director: Environmental Health & Safety
Phone Number:	(801) 889-9025
E-Mail:	danb@arnoldmachinery.com

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

Name(s)	MIIN	Course Code(s)
Paul Te Prieto	M94185624	IS

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:	50
Maximum number of trainees per training session:	60

Remarks

Lock-Out, Tag-Out Hazards, Welding & Cutting Hazards, Slings/Rigging Hazard.