

## *TRAINING PLAN New Miner*

	<i>Est. Hrs.</i>	<i>Subject</i>	<i>Objectives</i>	<i>Teaching Methods</i>	<i>Course Material</i>	<i>Evaluation Method</i>
1	0.43 to 0.52	INTRODUCTION TO THE WORK ENVIRONMENT	Employee will recognize potential hazards in drilling, blasting, hauling, crushing, conveying, and stockpiling. Employee will demonstrate knowledge of plant layout, traffic patterns, PPE requirements, and important safety and health issues in all active work areas.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
2	0.72 to 0.80	RECOGNITION AND AVOIDANCE OF HAZARDS, TO INCLUDE HAZARD COMMUNICATION AND HAZCOM.	Employee will identify potential hazards in the quarry environment including electrical hazards, machinery hazards, fall hazards, engulfment hazards, hazardous energy, confined spaces, materials handling, water hazards, ground control hazards.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
3	0.20 to 0.28	EMERGENCY MEDICAL PROCEDURES, ESCAPE AND EMERGENCY EVACUATION PLANS AND INSTRUCTION ON THE FIRE WARNING SIGNALS AND FIRE FIGHTING PROCEDURES.	Employee will explain/identify emergency evaluation procedures and alarms. Demonstrate how to select, use and maintain fire-fighting equipment. Identify fire and explosion hazards. Demonstrate steps to prevent fire and explosion. Demonstrate what to do in an emergency. Demonstrate knowledge of alarms and signals.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
4	1.38 to 1.47	SUPERVISED PRACTICE IN HEALTH AND SAFETY ASPECTS OF THE TASKS ASSIGNED. Note: Taks training must be initiated at time of task assigned before New Miner can perform task unsupervised.	Employee will demonstrate correct job performance and perform tasks in accordance with the safety and health standards outlined in the training.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
5	0.12 to 0.20	STATUTORY RIGHTS OF MINERS AND REPRESENTATIVES.	Employees will identify their rights under Mine Safety & Health Act of 1977 and 30 CFR	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:

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6	0.07 to 0.15	LINE OF AUTHORITY AND RESPONSIBILITIES OF SUPERVISORS AND MINERS AND THEIR REPRESENTATIVES. Note: Must be done before miner begins work.	Employee will be able to explain MSHA's role and responsibility, personal responsibility of every employee including supervisors, and who has responsibility and authority to correct hazards.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
7	0.07 to 0.15	RULES AND PROCEDURES FOR REPORTING HAZARDS. Note: Must be done before miner begins work. Do this on day 1	Employee will be able to explain steps to get issues addressed and what to do if corrective action is not taken	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
8	0.57 to 0.65	USE, CARE AND MAINTENANCE OF RESPIRATORY DEVICES. Presently not required at this min. If determined necessary at a later date training will be completed. Note: Must be completed within 60 days.	Employee will demonstrate how to select, use care, and maintain respirators. Employee will explain limitations of respirators. Employee will identify respiratory hazards and precautions.	Lecture and discussion. Demonstration using respiratory devices.	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
9	1.18 to 1.27	FIRST AID METHODS. Note: Must be completed within 60 days.	Employee will explain basic life saving methods, steps to protect from blood borne pathogens, emergency response plan, where equipment is located, how to control the situation.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
10	19.00 to 20.00	Additional Health and Safety Subjects to Meet 24 HR Training Requirements. Note: A total of 24 hours must be completed within 90 days.	Additional Health and Safety Subjects to Meet 24 HR Training Requirements.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:

## *TRAINING PLAN Experienced Miner*

	<i>Est. Hrs.</i>	<i>Subject</i>	<i>Objectives</i>	<i>Teaching Methods</i>	<i>Course Material</i>	<i>Evaluation Method</i>
1	0.43 to 0.52	INTRODUCTION TO THE WORK ENVIRONMENT	Employee will recognize potential hazards in drilling, blasting, hauling, crushing, conveying, and stockpiling. Employee will demonstrate knowledge of plant layout, traffic patterns, PPE requirements, and important safety and health issues in all active work areas.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
2	0.72 to 0.80	RECOGNITION AND AVOIDANCE OF HAZARDS, TO INCLUDE HAZARD COMMUNICATION AND HAZCOM.	Employee will identify potential hazards in the quarry environment including electrical hazards, machinery hazards, fall hazards, engulfment hazards, hazardous energy, confined spaces, materials handling, water hazards, ground control hazards.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
3	0.20 to 0.28	EMERGENCY MEDICAL PROCEDURES, ESCAPE AND EMERGENCY EVACUATION PLANS AND INSTRUCTION ON THE FIRE WARNING SIGNALS AND FIRE FIGHTING PROCEDURES.	Employee will explain/identify emergency evaluation procedures and alarms. Demonstrate how to select, use and maintain fire-fighting equipment. Identify fire and explosion hazards. Demonstrate steps to prevent fire and explosion. Demonstrate what to do in an emergency. Demonstrate knowledge of alarms and signals.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
4	1.38 to 1.47	SUPERVISED PRACTICE IN HEALTH AND SAFETY ASPECTS OF THE TASKS ASSIGNED. Note: Tasks training must be initiated at time of task assigned before New Miner can perform task unsupervised.	Employee will demonstrate correct job performance and perform tasks in accordance with the safety and health standards outlined in the training.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
5	0.12 to 0.20	STATUTORY RIGHTS OF MINERS AND REPRESENTATIVES.	Employees will identify their rights under Mine Safety & Health Act of 1977 and 30 CFR	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:

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6	0.07 to 0.15	LINE OF AUTHORITY AND RESPONSIBILITIES OF SUPERVISORS AND MINERS AND THEIR REPRESENTATIVES. Note: Must be done before miner begins work.	Employee will be able to explain MSHA's role and responsibility, personal responsibility of every employee including supervisors, and who has responsibility and authority to correct hazards.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
7	0.07 to 0.15	RULES AND PROCEDURES FOR REPORTING HAZARDS. Note: Must be done before miner begins work. Do this on day 1	Employee will be able to explain steps to get issues addressed and what to do if corrective action is not taken	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
8	0.57 to 0.65	USE, CARE AND MAINTENANCE OF RESPIRATORY DEVICES. Presently not required at this min. If determined necessary at a later date training will be completed. Note: Must be completed within 60 days.	Employee will demonstrate how to select, use care, and maintain respirators. Employee will explain limitations of respirators. Employee will identify respiratory hazards and precautions.	Lecture and discussion. Demonstration using respiratory devices.	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
9	1.18 to 1.27	FIRST AID METHODS. Note: Must be completed within 60 days.	Employee will explain basic life saving methods, steps to protect from blood borne pathogens, emergency response plan, where equipment is located, how to control the situation.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
10	19.00 to 20.00	Additional Health and Safety Subjects.	Additional Health and Safety Subjects.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:

## *TRAINING PLAN Annual Refresher*

	<i>Est. Hrs.</i>	<i>Subject</i>	<i>Objectives</i>	<i>Teaching Methods</i>	<i>Course Material</i>	<i>Evaluation Method</i>
2	0.72 to 0.80	RECOGNITION AND AVOIDANCE OF HAZARDS, TO INCLUDE HAZARD COMMUNICATION AND HAZCOM.	Employee will identify potential hazards in the quarry environment including electrical hazards, machinery hazards, fall hazards, engulfment hazards, hazardous energy, confined spaces, materials handling, water hazards, ground control hazards.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
4	1.38 to 1.47	SUPERVISED PRACTICE IN HEALTH AND SAFETY ASPECTS OF THE TASKS ASSIGNED. Note: Taks training must be initiated at time of task assigned before New Miner can perform task unsupervised.	Employee will demonstrate correct job performance and perform tasks in accordance with the safety and health standards outlined in the training.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
9	1.18 to 1.27	FIRST AID METHODS. Note: Must be completed within 60 days.	Employee will explain basic life saving methods, steps to protect from blood borne pathogens, emergency response plan, where equipment is located, how to control the situation.	Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Additional evaluation methods include:
10	0.50 to 0.50	Instruction on changes at the mine which could adversely affect the miner's health or safety.	Employee will demonstrate awareness of and procedural changes related to health and safety changes at the mine.	Lecture and discussion. Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common format such as multiple-choice, true/false, matching, and others. Demonstrated performance. Participation in discussion and activities. Additional evaluation methods include:
11	0.50 to 0.50	Instruction on the mine's traffic patterns, traffic controls, or other related changes at the mine which could adversely affect the miner's health or safety.	Employee will demonstrate awareness of and procedural changes related to transportation and communication.	Computer-based training, lecture, demonstration, discussion, practice. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common formats which may include multiple-choice, true/false, and matching. Demonstrated performance. Participation in discussion and activities. Additional evaluation methods include:

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12	0.50 to 0.50	Instruction on the mine's emergency medical, fire, and evacuation procedures, or other related changes at the mine which could adversely affect the miner's health or safety.	Employee will demonstrate awareness of and procedural changes related to emergency medical, fire, and evacuation procedures.	Computer-based training, lecture, demonstration, discussion, practice. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common formats which may include multiple-choice, true/false, and matching. Demonstrated performance. Participation in discussion and activities. Additional evaluation methods include:
13	0.50 to 0.50	Instruction on the mine's ground control, high walls, pit or spoil banks, water hazards, or other related changes at the mine which could adversely affect the miner's health or safety.	Employee will demonstrate awareness of and procedural changes related to ground control and water hazards.	Lecture and discussion. Computer-based training. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common formats which may include multiple-choice, true/false, and matching. Demonstrated performance. Participation in discussion and activities. Additional evaluation methods include:
14	0.50 to 0.50	Instruction on the mine's policies for the use, care, and maintenance of respiratory devices, or other related changes at the mine which could adversely affect the miner's health or safety.	Employee will demonstrate awareness of and procedural changes related to the use, care, and maintenance of respiratory devices at the mine.	Computer-based training, lecture, demonstration, discussion, practice. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common formats which may include multiple-choice, true/false, and matching. Demonstrated performance. Participation in discussion and activities. Additional evaluation methods include:
15	0.50 to 0.50	Instruction on relevant health and safety standards, hazard recognition and avoidance, accident prevention, or other related changes at the mine which could adversely affect the miner's health or safety.	Employee will demonstrate awareness of and procedural changes related to accident prevention at the mine.	Computer-based training, lecture, demonstration, discussion, practice. Additional teaching methods include:	Computer-based animations, graphics, audio, text, and interactive exercises. Additional course materials include:	Computer-scored questions in common formats which may include multiple-choice, true/false, and matching. Demonstrated performance. Participation in discussion and activities. Additional evaluation methods include: