

General Drilling, Inc

Part 46 Training Program

Y68

General Drilling, Inc - Contractor

**General Drilling, Inc
MSHA ID Number Y68**

TRAINING PLAN FOR GENERAL DRILLING, INC - CONTRACTOR ID

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TRAINING PLAN FOR TRAINING AND RETRAINING OF SURFACE MINERS

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NAME **GENERAL DRILLING, INC**
 MSHA ID NUMBER **Y68**
 MAILING ADDRESS **16565 RIVER ROAD**
NOBLESVILLE, IN 46062

PERSON(S) RESPONSIBLE FOR HEALTH AND SAFETY TRAINING OF MINERS: (May be the production operator or independent contractor)

<u>NAME</u>	<u>POSITION</u>	<u>PHONE</u>
<u>MATT BOATMAN</u>	<u>PRESIDENT</u>	<u>(317) 997-1419</u>
<u>BRUCE HUTSON</u>	<u>SAFETY DIRECTOR</u>	<u>(317)694-7396</u>
<u>HANNAH HILL</u>	<u>SAFETY SUPERVISOR</u>	<u>(314) 619-6251</u>
<u>ETHAN STRAIN</u>	<u>GENERAL MANAGER</u>	<u>(314) 778-1362</u>
<u>DENNIS SULLENS</u>	<u>SAFETY SUPERVISOR</u>	<u>(314) 343-8479</u>
<u>WILL SIMMONS</u>	<u>MANAGER</u>	<u>(314) 415-0477</u>
<u>DAVID KEIL</u>		

Persons or Organizations Providing Training

Training Areas Competent to Instruct

Matt Boatman	All Topics
Bruce Hutson	All Topics
Ethan Strain	All Topics
Will Simmons	All Topics
David Keil	All Topics
Dennis Sullens	All Topics
Hannah Hill	All Topics

GENERAL DRILLING, INC TRAINING PLAN - NEW MINER

(a) Except as provided in paragraphs (f) and (g) of this section, you must provide each new miner with no less than 24 hours of training as prescribed by paragraphs (b), (c), and (d). Miners who have not yet received the full 24 hours of new miner training must work where an experienced miner can observe that the new miner is performing his or her work in a safe and healthful manner. Each new miner will receive the following training before the miner begins work. This training will be given in no less than 4 hours and will address site-specific hazards.

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GENERAL DRILLING, INC. TRAINING PLAN - NEW MINER

	Est. Hrs	Subject	Objectives	Teaching Methods	Course Material	Evaluation Method
1.	30min to 3 hrs	INTRODUCTION TO THE WORK ENVIRONMENT <i>Note: Must be done before miner begins work. Do this on day 1.</i>	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.	Lecture and discussion Visual aids Interactive CD Site tour	Audiovisuals Handouts Videos New employee orientation manual/video	Oral response Quiz
2.	30min to 3 hrs	RECOGNITION AND AVOIDANCE OF HAZARDS <i>Note: Must be done before miner begins work. Do this on day 1.</i>	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, traffic/ground control hazards.	Lecture and discussion Visual aids Walk around Interactive CD. Training will address typical accidents and best practices and will teach hazard recognition specific to tasks to be assigned.	New employee orientation manual/video Handouts Fatalgrams Videos Lockout devices MSHA regulations	Oral response citing various hazards and preventive measures Demonstration of knowledge of hazards Quiz
3.	15min to 2 hrs	EMERGENCY MEDICAL PROCEDURES, ESCAPE AND EMERGENCY EVACUATION PLANS AND INSTRUCTION ON THE FIRE WARNING SIGNALS AND FIRE FIGHTING PROCEDURES	Employee will explain/identify emergency evacuation 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	Lecture and discussion Visual aids Demonstration Interactive CD	Audio visuals Fire extinguishers Safety/Inspection Log Site specific emergency plans	Oral response Demonstration Observation Quiz

	Est. Hrs	Subject	Objectives	Teaching Methods	Course Material	Evaluation Method
		Note: Must be done before miner begins work. Do this on day 1.	emergency. Demonstrate knowledge of alarms and signals.			
4.	15min to 1 hr	STATUTORY RIGHTS OF MINERS AND REPRESENTATIVES Note: Must be done before miner begins work. Do this on day 1.	Employees will identify their rights under Mine Safety & Health Act of 1977 and 30 CFR	Lecture and discussion Interactive CD	Handout material	Oral review and discussion Quiz

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	Est. Hrs	Subject	Objectives	Teaching Methods	Course Material	Evaluation Method
5.	15min to 1 hr	LINE OF AUTHORITY AND RESPONSIBILITIES OF SUPERVISORS AND MINERS AND THEIR REPRESENTATIVES. Note: Must be done before miner begins work. Do this on day 1.	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.	Lecture and discussion Interactive CD	Safety/Inspection Log Handouts Visuals	Oral review and discussion Quiz
6.	15 min to 1 hr	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.	Lecture and discussion Interactive CD	Safety/Inspection Log Handouts Visuals	Oral response Quiz
7.	15 min to 1 hr	USE, CARE AND MAINTENANCE OF RESPIRATORY DEVICES	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 Interactive CD	Visuals and handouts Respiratory devices	Oral response Demonstration Quiz
8.	30min to 2 hrs	FIRST AID METHODS	Employee will explain basic life saving methods, steps to protect from bloodborne pathogens, emergency response plan, where equipment is located, how to control the situation.	Discussion Visual aids Interactive CD	Handouts Audio visuals	Oral response Observation Quiz

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<p align="center">9.</p>	<p>8 hrs to 16 hrs (More if needed)</p>	<p>HAZARD RECOGNITION TRAINING SPECIFIC TO THE TASKS TO BE ASSIGNED AND MANDATORY HEALTH AND SAFETY REGULATIONS PERTINENT TO SUCH TASKS.</p> <p><i>NOTE: This must be done before conducting the instruction and practice under the close observation of a competent person.</i>-----</p> <p>SUPERVISED PRACTICE IN HEALTH AND SAFETY ASPECTS OF THE TASKS ASSIGNED</p>	<p>Employee will be able to explain the safety and health hazards of assigned tasks and how to avoid them before actually performing the tasks.</p> <p>-----</p> <p>Employee will demonstrate correct job performance and perform tasks in accordance with the safety and health standards outlined in the training.</p>	<p>Lecture and discussion Practical demonstration Show and tell at work sites</p> <p>-----</p> <p>On the job training, observation, correction, and practice.</p>	<p>May include checklists, job training books and guides, and operating manuals Depending on tasks assigned.</p> <p>-----</p>	<p>Oral response and observation Correct job performance</p> <p>-----</p> <p>Observation of job performance</p>
<p align="center">10</p>		<p>HAZCOM</p>	<p>Employee will be able to explain the physical and health hazards of chemicals in the miner's work area, the protective measures a miner can take against these hazards, to understand the contents of the mine's hazcom program and be able to locate and read an MSDS.</p>	<p>Lecture, discussion, audio/video or other, demonstration.</p>	<p>MSHA training modules, company safety rules, MSDSs used at the time or other. Protective equipment, copies of MSDSs used at the mine or other. Company policy, information on where to find HazCom information or other.</p>	<p>Oral and/or written questions or other.</p>

GENERAL DRILLING, INC. TRAINING PLAN - NEWLY EMPLOYED EXPERIENCED MINER

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		Subject	Objectives	Teaching Methods	Course Material	Evaluation Method
1.		INTRODUCTION TO THE WORK ENVIRONMENT	Employee will identify 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.	Lecture and discussion Visual aids Interactive CD Site tour	Audio visuals Handouts Work rules New employee orientation manual/video	Oral response Quiz
2.		RECOGNITION AND AVOIDANCE OF HAZARDS	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. Training will address typical accidents and best practices. and will teach hazard recognition specific to tasks to be assigned.	Lecture and discussion Visual aids Walk around Interactive CD	Handouts New employee orientation manual/video Fatalgrams MSHA regulations Videos Lockout devices	Oral response or demonstration and observation Quiz
3.		EMERGENCY MEDICAL PROCEDURES, ESCAPE AND EMERGENCY EVACUATION PLANS AND INSTRUCTION ON THE FIRE WARNING SIGNALS AND FIRE FIGHTING PROCEDURES	Employee will be able to explain proper emergency evacuation procedures and alarms; explain how to select, use and maintain fire-fighting equipment; identify fire and explosion hazards; identify steps to prevent fire and explosion. Explain actions for proper use of fire fighting equipment.	Lecture and discussion Visual aids Demonstration Interactive CD	Audio visuals Fire extinguishers Site specific emergency plans Safety/Inspection Log	Oral response, Demonstration and observation. Quiz

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		Subject	Objectives	Teaching Methods	Course Material	Evaluation Method
4.		INSTRUCTION IN HAZARD RECOGNITION OF ASSIGNED TASKS AND PERFORMANCE EVALUATION OF TASKS PREVIOUSLY PERFORMED TO DETERMINE IF ADDITIONAL TRAINING SPECIFIC TO THE TASKS IS NEEDED.	Employee will be able to identify the safety and health hazards of assigned tasks and how to avoid them before actually performing the tasks. Employee will demonstrate that he or she can safely perform assigned duties.	Review and discussion or show and tell approach On the job observation by a competent person	Checklists, job training books and guides, operating manuals	Oral response, demonstration and observation. On the job performance evaluation.
5.		STATUTORY RIGHTS OF MINERS AND REPRESENTATIVES <i>Note: Must be done before miner begins work. Do this on day 1</i>	Employees will identify their rights under the Mine Safety & Health Act of 1977 and 30 CFR	Lecture and discussion Interactive CD	Handouts Visuals New employee orientation manual/video	Oral review and discussion Quiz
6.		LINE OF AUTHORITY AND RESPONSIBILITIES OF SUPERVISORS AND MINERS AND THEIR REPRESENTATIVES. <i>Note: Must be done before miner begins work. Do this on day 1</i>	Employee will explain MSHA's role and responsibility, personal responsibility of every employee including supervisors, who has responsibility and authority to do what in reporting and correcting hazards.	Lecture and discussion Interactive CD	Safety/Inspection Log Handouts Visuals	Oral review and discussion Quiz
7.		RULES AND PROCEDURES FOR REPORTING HAZARDS	Employee will explain steps to get issues addressed and what to do if corrective action is not taken.	Lecture and discussion Interactive CD	Safety/Inspection Log Handouts Visuals	Oral review and discussion Quiz

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	Est. Hrs.	Subject	Objectives	Teaching Methods	Course Material	Evaluation Method
8.		USE, CARE AND MAINTENANCE OF RESPIRATORY DEVICES	Demonstrate/explain how to select, use, care, and maintain respirators. Employee will explain limitations of respirators. Employee will identify respiratory hazards and precautions.	Lecture and discussion Practical demonstration using respiratory devices Interactive CD	Visuals and handouts or respiratory devices	Oral review and discussion Demonstration Quiz
9.		FIRST AID METHODS	Employee will explain basic life saving methods, steps to protect from bloodborne pathogens, emergency response plan, where equipment is located, how to control the situation.	Discussion Visual aids Interactive CD	Handouts Audio visuals	Oral response Observation Quiz
10		HAZCOM	Employee will be able to explain the physical and health hazards of chemicals in the miner's work area, the protective measures a miner can take against these hazards, to understand the contents of the mine's HAZCOM program and be able to locate and read an MSDS.	Lecture, discussion, audio/video or other, demonstration.	MSHA training modules, company safety rules, MSDSs used at the time or other. Protective equipment, copies of MSDSs used at the mine or other. Company policy, information on where to find HazCom information or other.	Oral and/or written questions or other.

GENERAL DRILLING, INC. TRAINING PLAN - ANNUAL REFRESHER TRAINING (8 Hours Training Is Required)

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	Est. Hrs	Subject	Objectives	Teaching Methods	Course Material	Evaluation Method
1.	15 min to 1 hour	INSTRUCTION ON CHANGES AT MINE THAT COULD ADVERSELY AFFECT HEALTH OR SAFETY	Employee will be able to explain any changes affecting safety and health and appropriate safeguards.	May include lecture and discussion, or show and tell approach.	May include handouts, slides, overheads or other visuals.	May include written test, oral response.
2.	15 min to 1 hour	TRANSPORTATION AND COMMUNICATIONS TO INCLUDE TRAFFIC PATTERNS AND CONTROLS AND SIGNS	Employee will demonstrate/explain safe procedures for entering or leaving plant and traveling pit or plant roads; communication system and signage.	May include lecture, discussion, or practical Demonstration.	May include audio visuals, or written material.	Oral response
3.	15 min to 1 hour	EMERGENCY MEDICAL PROCEDURES , EVACUATION AND FIRE FIGHTING	Employee will identify correct procedures in event of serious injury, fire or other emergency.	May include lecture, discussion or demonstration.	May include audio visuals, written emergency plans.	May include oral response, performance in a mock exercise
4.	15 min to 1 hour	GROUND CONTROL, WORKING IN AREAS OF HIGHWALLS, WATER HAZARDS, PITS AND SPOIL BANKS	Employee will review and identify pit and plant ground hazards; safe work procedures; water hazards.	May include lecture, discussion or practical Demonstration	May include audiovisuals or written materials.	Oral response
5.	15min to 1 hour	USE, CARE AND MAINTENANCE OF RESPIRATORY DEVICES	Demonstrate/explain how to select, use, care, and maintain respirators. Employee will explain limitations of respirators. Employee will identify respiratory hazards and precautions.	May include lecture and discussion or practical demonstration using respiratory devices.	May include visuals and handouts or respiratory devices.	May include oral response or practical demonstration
6.	2-5 hours	PREVENTION OF ACCIDENTS TO INCLUDE ELECTRICAL HAZARDS, MAINTENANCE AND REPAIR, MATERIALS HANDLING, FALL PREVENTION, MOVING MACHINERY, MOBILE EQUIPMENT, CRUSHERS, CONVEYORS, MANDATORY HEALTH AND SAFETY STANDARDS AND A REVIEW OF ACCIDENT TRENDS.	Employee will identify hazards common to quarry and safe procedures to reduce accidents.	May include lecture, discussion, or practical demonstration.	May include: Audio visuals, Fatalgrams, CFR Title 30, Safety Manual, Handouts, MSDS's	May include oral response or practical demonstration

GENERAL DRILLING, INC. TRAINING PLAN - ANNUAL REFRESHER TRAINING (8 Hours Training Is Required)

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	Est. Hrs	Subject	Objectives	Teaching Methods	Course Material	Evaluation Method
7.	15min to 1 hour	BLASTING AND THE USE OF EXPLOSIVES	Employee will identify blasting procedures and warning signals and precautions for transporting, storing and handling explosives as appropriate to the job.	May include lecture, discussion, demonstration, visual aids.	May include: Audio visuals CFR Title 30 Safety Manual, MSDS's, Handouts, etc.	Oral response
8.	15min to 1 hour	FIRST AID METHODS	Employee will explain basic life saving methods, steps to protect from bloodborne pathogens, emergency response plan, where equipment is located, how to control the situation.	Discussion Visual aids Demonstration	Handouts Audio visuals	Oral response Observation Quiz
9.	15 MIN to 1 hour	HAZCOM	Employee will be able to explain the physical and health hazards of chemicals in the miner's work area, the protective measures a miner can take against these hazards, to understand the contents of the mine's HAZCOM program and be able to locate and read an MSDS.	Lecture, discussion, audio/video or other, demonstration.	MSHA training modules, company safety rules, MSDSs used at the time or other. Protective equipment, copies of MSDSs used at the mine or other. Company policy, information on where to find HazCom information or other.	Oral and/or written questions or other.

GENERAL DRILLING, INC. TRAINING PLAN - NEW TASK TRAINING FOR REASSIGNED EMPLOYEES

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	Est. Hrs	Subject	Objectives	Teaching Methods	Course Material	Evaluation Method
1.	Until Hazards Are Understood	<p>HAZARD RECOGNITION TRAINING SPECIFIC TO THE TASKS TO BE ASSIGNED</p> <p>NOTE: This must be done before conducting the instruction and practice under the close observation of a competent person.</p>	Employee will be able to explain the safety and health hazards of assigned tasks and how to avoid them before actually performing the tasks.	May include lecture, discussion, practical demonstration, or show and tell at work sites	Videos, handouts, checklists, job training books and guides, operating manuals	Oral response and observation
2.	Until Able to Perform Safely	SUPERVISED PRACTICE IN HEALTH AND SAFETY ASPECTS OF THE TASKS ASSIGNED	Employee will demonstrate correct job performance and perform tasks in accordance with the safety and health standards outlined in the training.	On the job training, observation, correction, and practice	May include checklists, job training books and guides, and operating manuals	<p>Observation of job performance.</p> <p>Correct job performance</p>

GENERAL DRILLING, INC. TRAINING PLAN - SITE SPECIFIC HAZARD TRAINING

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PERSONS TO RECEIVE TRAINING	TEACHING OR INSTRUCTIONAL METHODS	TRAINING MATERIALS	EVALUATION METHODS
VENDORS, VISITORS, OFFICE STAFF OR OTHER SUPPORT PERSONNEL	Use signage or hazard training handouts or accompany these visitors with an experienced miner to show, explain and inform of site specific hazards and safety and health requirements. Job activity may require site specific training to include sign-in sheet.	Signs Periodic handouts, other printed material, sign-in sheet with topics covered.	Safety performance and observation at site.
CUSTOMER TRUCK DRIVERS	Signs or hazard training handouts or verbal instructions. Job activity may require site specific training to include sign-in sheet.	Signs Periodic handouts, other printed material, sign-in sheet.	Safety performance and observation at site.
MAINTENANCE OR SERVICE WORKERS	Signs, verbal instructions or accompanied by experienced miner. Job activity may require site specific training to include sign-in sheet.	Signs Periodic handouts, other printed material, sign in sheet.	Safety performance and observation at site.
CONSTRUCTION WORKERS OR EMPLOYEES OF INDEPENDENT CONTRACTORS	Site specific hazard training will be given to contractors who will be responsible for conducting the training and verifying that it has been done.	Signs Periodic handouts, other printed material, sign in sheet. Part 46 Requirement information including signed receipt of information.	Safety performance and observation at site.