

TRAINING AND RETRAINING GUIDELINES FOR VIRGINIA COAL MINERS

RESOURCE MANUAL

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TRAINING MANUAL

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I. Introduction

The Mine Safety and Health Administration (MSHA), District 5, and Virginia Department of Mines, Minerals and Energy (DMME), Division of Mines, share responsibility for enforcement of mandatory coal miner training and certification standards within Virginia's Southwestern coal fields. Title 30 CFR Part 48 establishes standards for training and retraining of underground miners in Subpart A and training and retraining of miners working at surface mines and surface areas of underground mines in Subpart B. Further standards for supervisory training and certification are mandated in Part 75, Mandatory Safety Standard – Underground Mines and Part 77, Mandatory Safety Standards – Surface Coal Mines and Surface Work Areas of Underground Coal Mines. The Coal Mine Safety Laws of Virginia mandate certification of coal mine workers under Article 3 and miner training under Article 11. Virginia Safety and Health Regulations for Coal Mines 4 VAC 25-20, Board of Coal Mining Examiners Certification Requirements, establish standards for miner certification and continuing education for certified persons. Virginia's miner certification program is recognized by MSHA as meeting Part 75 and 77 standards. Training miners to work safely is essential to prevention of personal injuries and other incidents which result in hazardous conditions and/or major loss. Effective training of miners makes good business sense. Mine operators and their agents are responsible for mandatory training of miners and contractors employed at their operations. It is necessary that those who are responsible and providing training for miners understand and comply with all MSHA and DMME mandatory training standards.

A. Scope

The guidelines contained in this manual are intended to provide information to be considered in applying a particular regulatory standard. The guidelines will be based on accumulated knowledge, similar case histories and other related experience gained over time. The content of this manual is not intended to supercede any rule, regulation or policy developed by MSHA or DMME.

B. Purpose

This manual provides guidance to those responsible for providing, conducting and evaluating coal miner training. The subject matter addresses questions that commonly arise with regards to miner training. It is expected that this manual will assist the coal mining community in Virginia to better understand and effectively and efficiently comply with mandatory mine training standards. Further, consistency of interpretations, application and enforcement of training standards should be realized from the development and use of this manual.

C. Format and Organization

The manual is developed in a concise format to be user friendly. The manual is divided into sections which address general areas related to miner training. Each section is divided into sections specific to the area being addressed. The format is intended to provide the user with general information on training requirements and standards, both MSHA and DMME. Specific training questions frequently asked are answered and organized by topic. Sample training forms are provided as examples for proper completion, and to provide attention to commonly found deficiencies. Check lists and aids to assist in performing required training are provided as resources.

II. Training Requirements for Miners

A. Training Plan

MSHA requires that each mine, institution or independent trainer have an MSHA approved training plan. Each training plan will include training for new miners and experienced miners; training miners for new tasks, annual refresher, hazard training and supervisory retraining. A list of MSHA approved instructors shall be provided in the training plan that identifies those instructors that must conduct applicable MSHA required training except hazard and task training.

B. 30 CFR Part 48 Requirements

1. New Inexperienced Miner – Underground (48.5) and Surface (48.25)

Each new underground miner shall receive no less than 40 hours of training, 32 hours of which is usually completed in a classroom with the remaining approximately 8 hours required to be conducted at the mine site. The classroom training consists of a variety of subjects required in the instructor's or company MSHA approved training plan. The approximately 8 hours of mine site training covers various subjects including but not limited to; mine ventilation training, mine emergency escapeway training, specific hands-on donning of SCSR training, and includes a mine tour familiarizing new miners with transportation and haulage equipment, belt conveyor systems, communications systems, safe work procedures for the tasks assigned to the new miner, etc.

This training MUST be conducted by an MSHA approved instructor identified on the MSHA training plan.

Each new surface miner shall receive no less than 24 hours of training, 16 hours of which is usually completed in a classroom with the remaining 8 hours to be given before assigned work duties. The classroom training consists of a variety of subjects required in the instructor's or company MSHA approved training plan. The approximately 8 hours of mine site training covers various subjects including but not limited to; hazard recognition, explosives, (if applicable) self-rescue and respiratory devices, and includes a mine tour familiarizing new miners with transportation and haulage equipment, communication systems, ground control, highwall hazards, safe work procedures for the tasks assigned to the new miner, etc.

The training MUST be conducted by an MSHA approved instructor identified on the MSHA training plan.

2. Experienced Miner Training – Underground (48.6) and Surface (48.26)

This training is required for the following:

- a. Newly employed experienced miners;
- b. Miners transferred from other mines;
- c. Experienced underground miners transferred from surface to underground;
- d. Miners returning to the mine after more than 12 months absence.

To qualify as an “experienced miner”, a person must have received new miner training and must have 12 months of mining experience. A person that has satisfied both of the above requirements is considered to be an “experienced miner” for life for training purposes. **If an experienced miner leaves the mining industry for more than 5 years and then returns, then the miner must receive at least 8 hours of experienced miner training.** An underground or surface supervisor who is certified under an MSHA approved state certification program and who is employed as an applicable supervisor on October 6, 1998 would be classified as an “experienced miner”. An experienced underground or surface miner employed on February 3, 1999 would also be classified as an “experienced miner”. **This training MUST be conducted by an MSHA approved instructor identified on the applicable MSHA training plan and must be completed prior to such person beginning work duties.**

3. Task Training – Underground (48.7) and Surface (48.27)

This training is required for miners performing new tasks and/or for the following miners:

- a. Any employee who is performing a job or task for the first time.
- b. Miners assigned to new work tasks as mobile equipment operators, drilling machine operators, haulage and conveyor systems operators, roof and ground control machine operators and those involved in blasting operations.
- c. Any employee who has not performed a job or task in the last 12 months.
- d. If new or modified machinery is involved or put in use.
- e. If there is any doubt that an employee has had training or performed a job within the last 12 months.

Miners required to receive this training shall not operate equipment or engage in blasting operations without direction and immediate supervision until such miners have demonstrated safe operating procedures to the operator or his agent.

This training shall be conducted by a qualified trainer, a supervisor experienced in the assigned task or other person experienced in the assigned task. **An MSHA approved instructor is not required to conduct this training.**

4. Annual Retraining – Underground (48.8) and Surface (48.28)

All miners and supervisors shall receive a minimum of 8 hours annual refresher training on all the various subjects specified in the MSHA training plan. Annual refresher training may be conducted periodically in sessions not less than 30 minutes of actual instruction time and the miners shall be notified that the session is part of annual refresher training.

This training MUST be conducted by an MSHA approved instructor identified on the applicable MSHA training plan.

5. Hazard Training – Underground (48.11) and Surface (48.31)

This training is required for those persons exposed to hazards at a mine site. Applicable persons must receive this training at least once every 12 months. This training is also required for the following persons:

- a. Any delivery, office, or scientific worker or occasional, short time maintenance or service worker contracted by the operator.
- b. Any student engaged in academic projects involving their extended presence at the mine.

This training can be conducted by any qualified person provided they have an understanding of the information required to be reviewed and must be completed prior to such person beginning work duties. **An MSHA approved instructor is not required to conduct this training.**

C. Virginia Division of Mines – Inexperienced and Experienced Miners

1. General Coal Miner Certification

General coal miner training is designed to familiarize miners with the Coal Mine Safety Laws of Virginia. Miners seeking a general coal miner certification must have up-to-date first aid training (within the past year) that includes two hours of first aid training that can be received through various Part 48 and Division of Mines training classes. If a person does not have up-to-date first aid training, then they must receive two hours of first aid training from a properly certified first aid instructor before being issued a general coal miner certification.

DM staff has developed and distributed a General Coal Miner Instructor Guide that can be used to provide the training. Underground general coal miner training usually takes about 4 to 5 hours to complete while the surface takes about 3 hours to complete.

All employees, who commence working in a Virginia coal mine after January 1, 1996 shall possess a general coal miner certificate issued by the Board of Coal Mining Examiners. If a miner can show proof that he has worked in a Virginia coal mine at any time prior to January 1, 1996, he may elect to secure a General Coal Miner certification, but will not be required to possess this certification. Employees of independent contractors (such as coal truck drivers and surveyors) who are involved in mining or processing activities at a licensed Virginia coal mine shall possess a General Coal Miner Certificate. For example, explosive distributors that provide services in loading and detonating blasts at surface mine operations are required to hold a General Coal Miner Certificate. A coal company may engage experienced miners from other states in testing and evaluating of operating equipment as part of the screening for employment prior to those persons holding a General Coal Miner Certification. Those workers must receive hazard and task training, and be tested under direct supervision of responsible company officials.

The Board of Coal Mining Examiners grants General Coal Miner certifications separately for surface and underground miners commencing work in a Virginia coal mine. A miner who was first employed at a coal mine in Virginia on or after January 1, 1996, working in an underground mine, shaft or slope sinking operation, or at the surface of an underground mine performing any underground duties must hold an Underground General Coal Miner certification.

A Surface General Coal Miner certification is required for miners first employed at a coal mine in Virginia on or after January 1, 1996, working in surface mines, surface areas of underground coal mine (no underground duties) including preparation plants, load out and other surface areas and facilities that are part of a licensed coal mine. A Surface General Coal Miner certification is required for miners first employed at a coal mine in Virginia on or after January 1, 1996, engaged in mine site preparation and reclamation.
REFERENCE: 45.1-161.37 Coal Mine Safety Laws of Virginia

All applicants for a general coal miner certification must pass the gas detection examination unless working only on the surface of a mine.

REFERENCE: Safety and Health Regulations for Coal Mines 2001 4VAC 25-20-255 (4)

General Coal Miner training must be conducted by a Virginia certified First Class Mine Foreman, Surface Foreman, Preparation Plant Foreman, Shaft/Slope Foreman or a Board of Coal Mining Examiners (BCME) Instructor.

REF: Section VI – F (page 49) for general coal miner application requirements.

2. Gas Detection Certification

Any coal miner working in by the last open crosscut shall be certified by the Board of Coal Mining Examiners to conduct gas detection.

***It is highly recommended that all underground coal miners be certified in gas detection.**

REFERENCE: 45.1-161.231B Coal Mine Safety Laws of Virginia

This training shall be conducted by Division of Mines (DM) staff ONLY.

REF: Section VI-G (page 50) for gas detection application requirements.

3. Employment of Inexperienced Underground Miners

Inexperienced underground miners shall be required to work with an experienced underground miner for a total of at least six months following underground employment. However, experienced surface miners shall only be required to work with an experienced underground miner for a total of at least sixty days following underground employment. No inexperienced underground miner shall be assigned, or allowed, or be required to perform work alone in any area where there is the potential to endanger his safety, unless he can communicate with others, can be heard or can be seen.

REFERENCE: 45.1-161.251 (A and B) Coal Mine Safety Laws of Virginia

D. Virginia, West Virginia and Kentucky Reciprocal Agreements

1. Virginia Underground Electrical Repairman

Note: This certification shall be used at underground mines only.

Application/Experience Requirements:

- a. Submit a completed BCME-1 application form and pay a \$10.00 fee.
- b. Submit a completed BCME-2 verification of work experience form verifying one year of electrical experience in underground coal mining under the direction of a certified underground electrical repairman or appropriately related work experience approved by the Chief of the Division of Mines.
- c. Submit proof of current first aid training, minimum of 2 hours. MSHA 5000-23 (annual retraining) is acceptable.
- d. Six months credit will be granted for electrical educational training from a college, technical school, or vocational school.
- e. Must hold a general coal miner certification if required by law.

Exam Requirements: Minimum score of 80% on each section of the exam.

2. Underground Electrical Repairman – West Virginia Reciprocal Agreement

Application/Experience Requirements:

- a. Submit a completed BCME-1 application form and pay a \$10.00 fee.
- b. Submit a completed BCME-2 verification of work experience form verifying a minimum of one year electrical experience in underground coal mining under the direction of a certified underground electrical repairman or appropriately related work experience approved by the Chief of the Division of Mines.
Note: Six months credit will be granted for electrical educational training from a college, technical school or vocational school.
- c. Submit proof of current first aid training, minimum of 2 hours. MSHA 5000-23 (annual retraining) is acceptable.
- d. Copy of current West Virginia electrical certification card and current electrical retraining.
- e. Must hold a general coal miner certification if required by law.

No Exam is required.

3. Underground or Surface Electrical Repairman – Kentucky to Virginia

Note: This is not a reciprocal agreement. Kentucky does not recognize Virginia certifications.

Application/Experience Requirements:

- a. Submit a completed BCME-1 application form and pay a \$10.00 fee.

- b. Submit a completed BCME-2 verification of work experience form verifying one year of electrical experience or appropriately related work experience approved by the Chief of the Division of Mines.
- c. Six months experience will be granted for electrical education training from a college, technical school or vocational school.
- d. Submit proof of current first aid training, minimum of 2 hours. MSHA 5000-23 (annual retraining) is acceptable.
- e. Submit proof of grades from Kentucky exam (minimum score of 80% required).
- f. Submit a copy of current Kentucky electrical certification card and current electrical retraining.
- g. Must hold a general coal miner certification if required by law.

Examination: Must pass the practical skill sections of the Virginia electrical repairman certification exam:

7 Practical stations for Underground Electrical
6 Practical stations for Surface Electrical

Note: If applicant does not pass all practical skill stations, the entire electrical exam must be taken under the regular exam process.

4. First Class Mine Foreman and Surface Foreman - West Virginia Reciprocal Agreement

Application Requirements:

- a. Submit a completed BCME-1 application form and pay a \$10.00 fee.
- b. Submit proof of current first aid training, minimum of 2 hours. MSHA 5000-23 (annual retraining) is acceptable.
- c. Submit a copy of current West Virginia foreman card
- d. Must hold a general coal miner certification if required by law.

Must take and pass (minimum score of 85%) on the Mining Laws section of the First Class or Surface Mine Foreman exam.

Note: If the person does not pass the Mining Laws section of the exam, then a new fee must be submitted to retake the exam within 10 working days after the notification letter is sent. If the exam is failed the second time, the entire foreman exam must be taken under the regular exam process.

5. Surface Blaster – West Virginia and Kentucky Reciprocal Agreement

Application Requirements:

- a. Submit a completed DM-BCME-1 application form and a DMLR–BCME-4 form and pay a \$10 fee.
- b. Submit proof of current first aid training, minimum of 2 hours. MSHA 5000-23 (annual retraining) is acceptable.
- c. Submit a copy of current West Virginia or Kentucky surface blaster card.
- d. Must hold a general coal miner certification if required by law.

6. Advanced First Aid – Virginia, West Virginia and Kentucky Reciprocity

Application Requirements:

- a. Submit a completed BCME-1 application form and pay a \$10 fee.
- b. Submit a copy of current Virginia-EMT, West Virginia – EMT or Kentucky MET certification card.
- c. Attend an 8 hour Advanced First Aid reciprocity class.
- d. Must hold a general coal miner certification if required by law.

III. Training Requirements for Supervisors, Repairmen and Other Certified Persons

A. 30 CFR 75.100 and 75.161 for underground supervisors, 77.100 and 77.1705 for surface supervisors, 75.153g for underground electrical and 77.103g for surface electrical

1. Supervisors must receive either comprehensive training or hazard training, depending on their exposure to mine hazards and their duties. Comprehensive training includes experienced miner, task and annual refresher training.

Supervisors performing work as required by certified persons; mine foreman, assistant mine foreman, section foreman, mine examiner, surface foreman must receive 8 hours of annual refresher training and at least 5 hours of first aid training (2 hours of first aid training will be received as part of annual refresher training). An additional 3 hours of first aid training must be received annually.

2. Repairmen (electricians) must attend annual electrical retraining and annual refresher training.

B. Virginia Division of Mines (DM)

1. **Supervisors** – DM does not require training for supervisors except for those supervisors who are certified as First Class or Surface Mine Foreman. First Class and Surface Mine Foreman must receive four hours of continuing education training every two years. Continuing education training cycles span from August 20, 2001 to August 19, 2003; August 20, 2003 to August 19, 2005, etc. Continuing education training must be conducted by a certified instructor, BCME Instructor or other instructor approved by the Chief.

REF: Section V-B (page 43) for required documentation of continuing education training.

2. **Repairman** (electricians) – Must receive MSHA and DM required annual electrical retraining.

REF: Section V-B (page 43) for required documentation of electrical retraining.

3. **Advanced First Aid** – Miners shall complete an initial 24-hour training class, take a written and practical certification examination and shall complete 4 hours continuing education each year to maintain this certification. Advanced First Aid continuing education must include re-certification in adult CPR and obstructed airway. This training is required to be conducted by an Advanced First Aid and CPR Instructor (DM trains and certifies Advanced First Aid Instructors. DM also trains and certifies CPR Instructors through the American Red Cross). Miners must also hold a general coal miner certification if required by law.

REF: Section V-B (page 43) for required documentation of advanced first aid continuing education training.

4. **Advanced First Aid Instructor** – Instructors must teach one initial **or** one refresher (4 hour continuing education class) every two years to retain this certification.

REF: Section V-B (page 43) for required documentation of advanced first aid instructor continuing education (re-certification) training.

5. **Board of Coal Mining Examiners (BCME) Instructor** – To become certified a person must:

- a. Submit an application showing applicable mining or instructor experience;
- b. Submit proof of current first aid training, minimum of 2 hours. MSHA 5000-23 (annual retraining) is acceptable.
- c. Agree to monitoring and evaluation by DM staff instructors and demonstrate the knowledge, skill and ability to conduct training. Final approval for certification shall be based on an evaluation of performance. BCME Instructors can teach subjects including general coal miner, underground and surface continuing education and other various DM required training except electrical certification and re-certification, diesel engine mechanic training and advanced first aid. BCME Instructors are not authorized to conduct gas detection training as only DM staff are authorized to conduct this training. BCME Instructors must be knowledgeable and remain current in the subject area of training. BCME Instructors must teach at least one approved certification class every two years to retain this certification.

REF: Section V-B (page 43) for required documentation of BCME Instructor continuing education (re-certification) training.

6. **Surface Blaster** – A person must have one year blasting experience under the direction of a certified surface blaster and pass both the DM and DMLR (Division of Mined Land Reclamation) components of a written examination. A person must also hold a general coal miner certification if required by law. To retain this certification, a surface blaster must be re-certified every five years by:

- a. Providing written proof to DM of demonstrating blasting competency in two of the last three years preceding the expiration date; **or**
- b. Retaking and passing the DMLR portion of the blaster exam.

REF: Section V-B (page 43) for required documentation of surface blaster re-certification training.

7. **Diesel Engine Mechanic** – A person must have six months experience as a diesel engine mechanic **or** complete a diesel engine mechanic course approved by DM **or** possess related work experience approved by the Chief and pass the diesel engine mechanic, first aid and gas detection examinations. The person must also hold a general coal miner certification if required by law. The initial training course for diesel engine mechanics shall include 32 hours of classroom instruction and be taught by a certified diesel engine mechanic instructor. To retain this certification, a person must attend an annual four-hour continuing education training class taught by a certified diesel engine mechanic instructor.

REF: Section V-B (page 43) for required documentation of diesel engine mechanic continuing education (re-certification) training.

8. **Diesel Engine Mechanic Instructor** – Instructors must teach at least one approved diesel engine mechanic class every two years or at least one approved diesel engine mechanic continuing education class every year. Instructors must hold a general coal miner certification if required by law.

REF: Section V-B (page 43) for required documentation of diesel engine mechanic instructor continuing education (re-certification) training.

9. **Underground Shot Firer and Hoisting Engineer** – The Board of Coal Mining Examiners Certification Regulations **currently being amended** will address re-certification standards for underground shot firers and hoisting engineers.

Certified underground shot firers must be re-certified every five years by:

- a. Presenting written proof that he has performed underground blasting duties in his work during two of the last three years immediately preceding the expiration date;
- b. Retaking and passing the underground shot firer examination; or
- c. Presenting verification of underground mine foreman or other continuing education which includes underground blasting safety training.

Certified hoisting engineers must be re-certified every five years by:

- a. Presenting written proof that he has performed hoisting engineer duties in his work during two of the last three years immediately preceding the expiration date; or
- b. Retaking and passing the practical demonstration section of the hoisting engineer examination.

Failure to maintain re-certification requirements will result in suspension of a person's certification as a shot firer or hoisting engineer, pending completion of required continuing education. If the re-certification training is not met within two years from the suspension date, then the certification will be revoked by the BCME.

It is expected that these revisions will become effective in 2004 and implemented within 12 months of the effective date.

IV. Frequently Asked Questions and Answers

A. 30 CFR Parts 48, 75 and 77

1. Form 5000-23 and Certification

- a. Does the person, who signs the 5000-23 Certificate of Training form certifying training was provided, have to be physically present during the training session?

No, however, the person signing the 5000-23 form should have sufficient knowledge that the training was conducted. By signing the 5000-23, the person responsible for training is certifying that the training was completed as indicated on the 5000-23.

- b. Does an MSHA approved instructor have to sign all 5000-23 forms?

No, not necessarily. The person responsible for the training should have sufficient knowledge that the training was completed and should sign the 5000-23 forms.

- c. Do miners that are receiving training have to sign the certificate?

No, but miners must be afforded an opportunity to sign the 5000-23 form. Where possible, a statement of refusal, signed by the trainee, should be retained as documentation by the operator.

- d. Can a new miner's 5000-23 form be signed before receiving the 8 hours training at the mine site.

A Certificate of Training form can be filled out and signed with only 32 hours. However, under item 4 on the 5000-23 form, the "check if not completed" box must be checked and the subjects completed checked in item 5.

- e. Can the same 5000-23 form be used for surface and underground training?

Yes, but margin for error and completion dates, number of hours training and subjects trained in could make accurate documentation of training difficult to identify. It is recommended that a separate form be used for underground and surface.

- f. Do penalty provisions of Section 110 of the Act apply to a person signing that training was received, even if the person did not actually receive training?

Yes, under Section 110 (a and f) of the Act, any person convicted of falsifying any record, report, plan etc. may receive a \$250,000 fine and/or 5 years in prison or both.

- g. If employee works at four (4) different mines, what identification number should be on the 5000-23 form for annual refresher training?

The mine identification number assigned to whichever training plan the miner was trained under.

- h. Is a 5000-23 form valid if not signed by the instructor or other person responsible for the training in item no. 6?

No. A 5000-23 form is not valid unless signed by the instructor or other person responsible for the training.

2. New Miner Training

- a. If an employee attended 10 hours of initial New Miner-Roof Control, Gas Detection and First Aid training in 2001, then would credit for this training be given toward new miner training in 2003?

No, Review 4825(d). Training that is approved and certified is good for 36 months.

- b. What type of training is required for an underground experienced coal miner who works periodically as a surface mobile equipment operator?

Initially, new miner surface training is required. Some credit may be given for the underground training received. First aid and authority and responsibility of supervisors and miners' representatives may be two courses that can be credited.

- c. What type of training is required for an underground experienced coal miner who performs work in a surface repair shop and does not meet any of the guidelines under 48.22 (b) (1) for an experienced surface miner?

Surface of underground new miner training (24 hours) if he/she is regularly exposed to mine hazards extended exposure of more than 5 consecutive workdays.

- d. Can an experienced underground miner work on the surface full-time without additional training (except task)?

If the miner does not meet the definition of an experienced surface miner, Part 48, Subpart B, comprehensive training (new miner surface) is required.

- e. At what point are vendors or delivery persons required to have comprehensive training (new miner, annual refresher, etc.) instead of hazard training?

Manufacturers' field representatives, such as sales representatives and delivery personnel, must be given hazard training. If they are frequently exposed to mine hazards (more than 5 consecutive working days), they must be given

comprehensive training – either new miner training, or newly employed experienced miner training, as appropriate.

- f. Is new miner – surface training required for an underground general laborer, scoop operator, etc. that is required to routinely bring a scoop to the surface to load supplies, by hand, such as timbers, crib blocks, roof bolts/plates, brattice blocks, etc.?

Yes. Any underground general laborer, scoop operator, etc. that satisfies any 1 of the 3 following criteria must be either an experienced surface miner or must receive new miner surface training:

- 1. The employee has extended exposure of 5 consecutive workdays or more;***
- 2. The employee is regularly exposed to mine hazards. “Regularly exposed” means frequent exposure, that is exposure to hazards at the mine on a frequent rather than consecutive day basis (a pattern of recurring exposure).***
- 3. The employee is involved in the extraction and production process. The following is MSHA’s definition of extraction and production – extraction and production refers to the process of mining and removal of coal or ore from a mine. This process includes both the mechanical and chemical separating of coal from the surrounding rock and metal or valuable minerals from ore and concentrated; removal and milling conglomerates or rocks by crushing, screening, or sizing, and haulage associated with these processes.***

- g. What type of training is required for a surface employee (miner) who goes down the shaft to perform inspections on hoists and/or elevators?

Once the shaft is connected to the underground coal seam mined, it becomes part of the underground mine and any miner performing any work activities below the shaft collar is required to have underground miner training (40 hours initial and underground annual refresher).

- h. A mine has both an underground and a surface shop. If an underground mechanic/electrician works in both, then what type training is required?

The miner must have both underground and surface miner training and underground and surface annual refresher training.

- i. What type training is required for a dispatcher, who is located on the surface, that controls underground track activities?

The dispatcher is required to have both surface miner and surface annual refresher training.

3. Experienced Miner Training

- a. What proof can an operator produce and maintain if a person comes to the mine and tells the operator that he/she is an experienced miner but does not have a 5000-23 form verifying completion of comprehensive training or annual refresher?

He/she must have received new miner training and have proof of new miner training.

Must also verify having 12 months mining experience.

For proof of employment, examples may be but not limited to payroll records, statements from previous employers, social security records, or any other documentation that verifies past mining experience.

- b. When is an inexperienced miner classified as an experienced miner?

After he/she completes 40 hours new miner underground training (48.5) or 24 hours new miner surface training (48.25) and completes one (1) year of mining experience.

- c. Can a miner lose their status as an “experienced miner” by being away from mining for a period of time?

No. Once a miner has received new miner training and has accumulated 12 months of mining experience, MSHA considers that miner to be experienced for life for training purposes. If the miner is away from mining for more than 36 months after receiving new miner training, and before accumulating 12 months of mining experience, then that miner must repeat new miner training. After completing new miner training the miner will then have another 36 months in which to finish accumulating the 12 months of mining experience required to be an “experienced miner” for training purposes.

- d. What training is required for a newly-employed miner who has not gained “experienced miner” status?

If a newly employed miner has completed new miner training within 36 months of starting work at a different mine, the miner must receive “experienced miner” training. If the miner has not completed new miner training within 36 months, however, then the miner must repeat new miner training at the different mine. After completing this initial “experienced miner” or “new miner” training, the miner is then subject to all other training required for “experienced miners” at the mine.

For example, suppose a new miner receives new miner training and works 10 consecutive months in mining. Then, the miner leaves mining and works in an industry outside of mining for the next 3 years. If the miner returns to work in the mining industry, then that miner must receive new miner training because more than 36 months had passed since the miner had received this training and the miner had not accumulated 12 months of mining experience. Once the miner works an additional 2 months, the miner will be considered an “experienced miner” for life for training purposes.

- e. In reference to question d, can the experience be either surface or underground?

An experienced underground miner must have at least 12 months of underground mining experience; and an experienced surface miner must have at least 12 months of surface mining experience.

- f. Can a miner accumulate part of the mining experience underground and part on the surface to total 12 months?

No. To be an experienced underground miner, all 12 months of experience must be underground; to be an experienced surface miner, all 12 months of experience must be on the surface.

- g. Can a miner be both an experienced underground miner and an experienced surface miner?

Yes, if that miner has completed the training and experience requirements for both underground and surface miners.

- h. If a surface miner is assigned to inspect a hoist and that is his only assigned underground work, then what type of training is this miner required to have?

A surface miner whose duties require them to travel underground to perform a hoist inspection is required to have underground new miner training. Task training is also required, if applicable.

- i. What type(s) of training is required for miners performing shaft and slope sinking construction work?

Part 48 training is not required for miners performing shaft and slope sinking construction work.

- j. How long does a miner have to obtain the 12 months of mining experience?

There is no limit for obtaining the 12 months of mining experience.

- k. How long does an independent contractor working intermittently at mine sites have to gain the 12 months of mining experience necessary to be classified as an “experienced miner”?

There is no time limit for obtaining the 12 months of mining experience.

- l. How does a mine official track the accumulation of experience necessary to be classified as an “experienced miner”?

The law has no specific requirements for tracking or recording the accumulation of experience. It is the mine operator’s responsibility to determine the miner’s experience based on the miner’s work and training history.

- m. Does MSHA give the miner credit for work experience not gained at a mine necessary to be classified as an “experienced miner”?

Yes, under specific conditions. Surface maintenance and service contractors often have significant trade experience in environments similar to surface mines or the surface areas of underground mines. MSHA will allow this trade experience to count towards satisfying the requirement for 12 months of surface mining experience. These service or maintenance contractors, however, must still receive new miner training.

For example, if a contractor hired to service a dozer has 12 months of experience servicing dozers in environments similar to mining, such as construction sites, that contractor will have satisfied the experience requirement and would only need to receive new miner training to be an “experienced” surface miner for training purposes.

- n. Who determines whether experience should be credited to a contractor necessary to be classified as an “experienced miner”?

The mine operator or contractor is responsible for determining to what extent the contract worker’s past experience should be credited based on a reasonable assessment of the contract worker’s work history. If you need additional guidance in determining a person’s qualifications, contact MSHA for assistance.

- o. What is the status of miners who are already considered “experienced”?

If a miner is an “experienced miner” on February 3, 1999, MSHA will consider that miner to be an “experienced miner” for life.

- p. What training must new miners receive to become “experienced miners”, and who can give the training?

New miner training must be approved by MSHA and provided by an MSHA-approved instructor. As in the past, this training can be provided by many sources, including the mine operator, the State, universities, trade associations, and independent trainers.

- q. Miners, particularly supervisors, sometimes conduct particular segments of Part 48 training. Can I credit their time teaching a required course as meeting the requirement for taking that training?

Yes. For example, if a miner conducts annual refresher training in health, prevention of accidents, and electrical hazards, you can credit that miner with having taken those courses.

- r. Who can sign the Certificate of Training (MSHA Form 5000-23) for a miner who conducts the training?

Any person responsible for the training, including the instructor, can sign the 5000-23 form.

- s. What obligation does the operator have toward verifying previous training, such as last annual retraining, experienced miner training, etc.?

The operator is responsible for determining that the person is an experienced miner.

- t. What training is required for experienced miners that have been absent from the mine for 12 months or less?

The miners must receive training on major changes affecting safety or health that have occurred at the mine during their absence. This training must be provided prior to starting work. This training does not have to be conducted by an MSHA approved instructor as any person knowledgeable of the changes can conduct this training and a record of training is not required. A major change is one which you know or should know, could endanger the miner’s health or safety. An absence is defined as being away from the mine for any period of time for any reason including illness, work stoppage, downtime, or off shift.

- u. What type of training is required for a company representative (salary supervisor) who regularly travels the mine and inspects or evaluates operational activities?

Comprehensive miner training at one mine and hazard training for each mine they examine.

4. Task Training

- a. Can an equipment operator who gives task training be punished under Section 110(a and f) of the Mine Act if this person falsified a 5000-23 training certificate?

Yes, under Section 110 (a and f) of the act, any person convicted of falsifying any record, report, plan, etc. may receive a \$250,000 fine and/or 5 years in prison or both.

- b. If new equipment is purchased and operates the same as the equipment used previously, is task training required?

No.

- c. Who can give task training?

Reference 30 CFR 48.7 (e) and 48.27 (d), a qualified trainer, a supervisor experienced in the assigned task, or other person experienced in the assigned task shall conduct task training. As an example, a manufacturer's representative may conduct the training.

- d. Do task training instructors have to be listed on the MSHA training plan?

For task training instructors, only the individual's title, such as equipment operator, mine foreman, or manufacturer's representative, is required to be listed on the plan.

- e. If more than one day is required for a person to be task trained, then should the date entered on the training form be the "start date" or "completion date"?

If multiple days are necessary to complete task training, then both the "start date" and "completion date" should be entered on the form.

- f. Must task training extend beyond mobile equipment (miners, bolter, etc.) operators? If so, to what extent? Belt, general laborer, ventilation, utility, mechanic, equipment helper?

Yes, miners assigned to tasks other than mobile equipment operators shall be instructed in the safety and health aspects and safe work procedures of the assigned task, prior to performing such task. Any person who directs or controls haulage operations at a mine shall receive and complete training courses in safe haulage procedures related to the haulage system, ventilation system, fire fighting procedures and emergency evacuation procedures in effect at the mine before assignment to such duties.

- g. If a mine has only one type of continuous miner or roof bolter, etc., are we required to specify type on task training on a 5000-23 form?

Such specification is not required, but it is recommended to eliminate confusion when new or modified equipment is utilized. This is also useful for the miner if he/she goes to a new job. This type of documentation will help the new employer determine what type of task training is required.

- h. An experienced, skilled bolter operator, or continuous miner operator has operated this unit of equipment for the past 5, 10, 15 years, etc. and then changes their employment to a new mine. While receiving “task training” on the same type bolting machine or continuous miner at the new mine, is this person required to do both 48.7 a-2(i) – supervised practice during nonproduction and 48.7 a-2(ii) – supervised operation during production?

An experienced, skilled equipment operator that has operated the same unit of equipment at other mines may receive either A-2(i) – supervised practice during nonproduction OR A-2(ii) – supervised operation during production, but would not be required to receive both practice during nonproduction and supervised operation during production.

- i. Is some type of surface task training required for an underground general laborer or scoop operator who routinely travels to the surface to load supplies, by hand, such as timbers, crib blocks, roof bolts, brattice block, rock dust, etc.?

Yes. Task training on safe work procedures is required for an underground miner who travels to the surface to load supplies, by hand, such as timbers, crib blocks, roof bolting supplies, rock dust, brattice block, etc.

If task training is required as described in the question above, then how would this task training be described in item no. 2 on the 5000-23 training form?

General surface – Supply loading or handling materials.

5. Annual Refresher Training

- a. Do persons conducting annual refresher training have to be listed on the MSHA approved training plan?

Yes.

- b. Is annual refresher training required to be given on the same shift that the miners work? If a mine works five (5) days a week, can training be given on Saturday?

Training may only be conducted during “normal working hours”. Normal working hours are determined on a case-by-case basis. Factors such as past practices and patterns of scheduling work should be considered. If a mine has

a history of working on Saturday, then the miner can be brought in and trained on Saturday provided they are compensated appropriately.

- c. What is the maximum amount of time an extension may be granted for completion of annual refresher training following an absence due to illness, injury or work stoppage?

When an experienced miner returns to the same mine following an absence due to illness, injury, or work stoppage, and less than 12 months have elapsed since the miner received new miner, newly employed experienced miner, or annual refresher training, the mine operator must provide annual refresher training based on the miners original schedule before the absence or work stoppage.

When an experienced miner returns to the same mine following an absence due to illness, injury, or work stoppage, and more than 12 months have elapsed since the miner received new miner, newly employed experienced miner, or annual refresher training, the operator shall provide annual refresher training before the miner begins work unless there has been an extension of time granted by the MSHA District Manager.

Sec. 48.6 Experienced miner training.

(a) Except as provided in paragraph (e), this section applies to experienced miners who are- -

- (1) Newly employed by the operator;*
- (2) Transferred to the mine;*
- (3) Experienced underground miners transferred from surface to underground; or*
- (4) Returning to the mine after an absence of more than 12 months.*

Preamble Language

Miners returning to the mine after an absence of more than 12 months are also required to receive experienced miner training. The duration, not the cause, of the absence necessitates the training. The final rule, therefore, removes the itemization of causes of absences contained in the proposal. This avoids the possibility of miners “Falling through the cracks” when they have been absent from the mine for reasons other than those listed. Thus, the absence may be for any reason including, but not limited to, lay off, work stoppage, termination, illness, injury, family care, extended leave, or other work.

- d. What is the annual retraining requirement for a surface person working at the surface area of an underground mine that never travels underground?

This “surface person” that never travels underground usually attends annual retraining with the underground miners and this is acceptable. However, this surface person must also receive additional surface subjects training that is not

covered in the underground retraining class. This additional surface subjects training may be conducted in either the classroom or back at the mine site.

- e. The surface person that never travels underground attends annual retraining with the underground miners. What types of operations are required to be marked in item no. 3 on the 5000-23 training form?

“Surface” only should be marked if the person works only on the surface and is not classified as an underground miner and never travels underground. If the person has received both surface and underground new miner training OR is both an experienced underground miner and a surface miner, then both the underground and surface blocks should be marked.

6. Hazard Training

- a. Can a “sign-in” log book be used to record both surface and underground hazard training.

No. Only for surface hazard training.

For surface miners and surface areas of underground mines under Section 48.31 hazard training, the operator may use a 5000-23 form for hazard training. The 5000-23 form is not required to be used, if the following situations satisfy hazard training requirements:

- 1) Verbal instructions of mine hazard avoidance procedures are given by mine personnel, and the person receiving the instructions signs a log sheet indicating receipt of the instructions. or;*
- 2) Written instructions of mine hazard avoidance procedures are supplied. The written instructions, signed by the person receiving them, or a log sheet signed by the recipient must be maintained as a record.*

- b. When is hazard training and task training required for contractors?

Independent contractors covered by Part 48 are not required to have comprehensive training, (i.e., not part of the extraction and production process and not regularly exposed to mine hazards), must receive hazard training. Task training is required when performing a new task or if the individual has not performed the task within the last 12 months.

- c. For a central shop employee going underground to perform work, what are the training and accompaniment requirements?

If exposed at irregular intervals, the miner is required to receive hazard training every 12 months and the employee is to be accompanied by an experienced miner.

If regularly exposed, the miner must receive comprehensive training (new miner, annual refresher, or newly employed experienced miner training) under Subparts A and B as appropriate at one mine. The comprehensive training

must be supplemented by additional hazard training (48.11/48.31) at each of the other mines owned by the operator.

If the miner has completed Subpart b – comprehensive training, then credit is allowed for training already conducted, e.g., First Aid and Statutory Rights of Miners, and other appropriate additional training, as required by Subpart A, would be required.

- d. What type of training is required for a miner that floats between several mines owned or leased by the operator? The time spent at each mine varies from 3 to 4 days to 2 weeks or a month.

If a miner is based at one mine and periodically works at other mines owned or leased by the operator, the miner must receive comprehensive training under Subparts A and B as appropriate, supplemented by hazard training, at each of the other mines.

- e. An underground employee is temporarily assigned to a surface job, lamphouse/bathroom attendant or trash pickup. What training must the operator provide before the employee is assigned to the surface job?

If an employee is not involved with extraction or production and not regularly exposed to mine hazards, then hazard training is required. If the employee is regularly exposed to mine hazards, then comprehensive training is required. In either case, task training may also be required.

“Regularly exposed” means either frequent exposure, that is exposure to hazards at the mine on a frequent rather than consecutive day basis (a pattern of recurring exposure), or extended exposure of 5 consecutive workdays, or both.

- f. In reference to question (e) above, can the operator work the underground employee five consecutive days on the surface prior to conducting training or is new miner surface training required before assignment to the job?

No, if the employee is to be assigned for 5 consecutive days or more, comprehensive new miner surface training is required before assigning duties. Also, task training must be provided if a new task is started.

- g. Who needs hazard training?

Individuals covered by Part 48 training requirements not engaged in the extraction or production process, and not regularly exposed to mine hazards, or not exposed to mine hazards must receive the appropriate hazard training as referenced in 48.11/48.31.

- h. What type training is required for a miner’s representative who works on the surface that accompanies a mine inspector underground?

Provided no work is performed during the accompaniment, the representative would be required to have hazard training current for the twelve month period.

7. Contractor Training

- a. What type of training is required for an independent contractor - coal truck driver?

If a coal truck driver is a “miner” as defined in 30 CFR 48.22, comprehensive training (new miner training, annual refresher training, newly employed experienced miner training, as appropriate), is required at one facility. For each additional facility, hazard training (task training if appropriate) is required. (NOTE: In application of 30 CFR 48.22, coal truck drivers are normally considered miners).

ADDITIONAL NOTE:

Surface Subpart B – If a truck driver even goes into a pit or he/she loads his/her own truck with a front-end loader he/she is considered a Miner under Part 48.22 a (1) and is required to have appropriate comprehensive training.

Not loading truck or going into pit – Hazard Training only 48.31 on surface.

Subpart B – Surface or surface areas of an Underground Mine, loading his/her own truck with front-end loader considered Miner under 48.22 a (1)

Surface or surface areas of an Underground mine only hauling coal and not loading his/her own truck only needs Hazard Training Part 48.31.

Loading coal from a bin only needs Hazard Training Part 48.31 on surface or surface areas of an Underground Mine.

- b. If an independent contractor coal truck driver has received comprehensive training (new miner, newly employed experienced miner and annual refresher), will hazard training at all other facilities suffice for haulage activities?

No. Task training may also be required if the truck drive operates equipment such as a front-end loader that he/she has not operated within the last 12 months, or is modified in any way to cause it to operate in a manner the truck driver is not familiar with.

- c. A contract trucker, who has an MSHA identification number, hauls from as many as three (3) different underground mines to a centralized prep plant facility.

What training are truckers required with respect to each of the three (3) facilities if the trucker has had comprehensive training under their own contractor's identification number and does not work other than loading trucks at the mine sites and unloading at the prep plant facility?

Same scenario as above, but the truckers must load their own trucks with an end loader at the mine site.

What if the end loader is owned by the contractor trucker who leaves the end loader at the mine facility?

For all three questions, hazard training is required at all facilities since the comprehensive training was given from the contractors training plan (mine specifics were not addressed). Task training, if appropriate, must be provided for equipment used for loading and other work.

- d. Can experienced surface workers and/or independent contractors, such as truck drivers, start work after completing newly employed experienced miner training if they have not had annual refresher training in the past 12 months.

Annual refresher training is required within one year of receiving new miner or newly employed experienced miner training, and yearly thereafter.

- e. If a contractor does not have an MSHA identification number, how can they obtain a number?

They may call the District MSHA Office in Norton, Virginia 276-679-0230.

- f. Is the coal company responsible for seeing that a contractor and their employees have all the training required by Part 48?

MSHA's enforcement policy regarding independent contractors does not change production – operators' basic compliance responsibilities. Production – operators are subject to all provisions of the Act, and to all standards and regulations applicable to their mining operations. This overall compliance responsibility includes assuring compliance by independent contractors with the Act and with applicable standards and regulations. As a result, both independent contractors and production-operators are responsible for compliance with all applicable provisions of the Act, standards and regulations. For further information on this issue refer to the Program Policy Manual Volume III – Paragraph 45.

- g. Does a contractor performing extraction or production work going from one identification number to another – but staying only one (1) to two (2) days- require comprehensive training, even though it is for the same company?

Comprehensive training (new miner, annual refresher, newly employed experienced miner) must be given for one of the identification numbers; hazard training must be completed at the others (task if appropriate).

- h. If a contractor has an identification number, what Part 48 training records should an operator keep for contractors?

Whether or not a contractor has an identification number, a record of all training conducted by the operator must be documented and retained.

- i. With reference to three contractor employees cleaning three different belts in an underground mine, are three experienced miners required to accompany them?

No, if appropriate comprehensive training is given (new miner, annual refresher, newly employed experienced miner training). Yes, if only hazard training is given.

- j. Who must accompany a contractor while underground who does not have comprehensive training and is not involved with extraction or production?

An employee at the mine who is an experienced miner.

- k. Would individuals performing construction work (i.e., building preparation plants, mine shops, etc.) be required to have Part 48 training on the surface or surface areas of an underground mine?

Surface construction is exempted from Part 48 training requirements (see part 48.2 (a) (I) or 48.22 (a) (I)).

- l. If a contractor performing repairs and or maintenance work on equipment owned or leased by the mine operator must operate the equipment to perform the work, then is task training required for this contractor?

Yes. The mine operator is responsible for ensuring that such repairman or maintenance worker is an experienced equipment operator or has received the applicable task training.

If task training is required, who (mine operator or contractor) is responsible for the record of task training?

The mine operator is responsible for the task training record if the operator conducted this training and the mine operator must provide the contractor with a properly completed 5000-23 task training form. The contractor is responsible for the task training record if the contractor employer conducted this training. Both the mine operator and contractor are jointly responsible to ensure the proper task training has been provided and that a completed 5000-23 task training form is available.

8. Training of Supervisors

- a. What training are supervisors required to have?

All supervisors are treated like other miners for training purposes. Accordingly, depending on their exposure to mine hazards and their duties, supervisors must receive either comprehensive training or hazard training.

Comprehensive training includes “experienced miner”, task, and annual refresher training.

- b. Under what circumstances would a supervisor not be required to receive comprehensive training?

Supervisors who are generally office workers and are not regularly exposed to mine hazards would not need comprehensive training (experienced miner, task, annual refresher). Because their exposure to mine hazards is minimal, hazard training is both appropriate and sufficient.

- c. Do supervisors have to take training under both Part 48 and Parts 75 or 77?

Yes. A State-certified supervisor must receive annual refresher training under Part 48, as well as annual supervisory retraining for certified persons under Parts 75 or 77.

- d. Are selected supervisors required to receive 3 or 5 additional hours of first aid training to comply with 30 CFR Part 75.1713 or 77.1706?

30 CFR Parts 75.1713 (underground) and 77-1706 (surface) require 5 hours first aid training for selected supervisors. These selected supervisors receive 2 hours of first aid training during mandatory attendance at annual refresher training.

Selected supervisors are required to receive 3 additional hours of first aid training because they are given 2 hours of first aid training credit for attending annual refresher training.

- e. In supervisory retraining, is principles of Mine Rescue, as referenced in 75.161 (a), required to be conducted in addition to Part 48 (8 hours) of annual refresher training?

Yes. However 75.161 does not specify a time limit or courses to be taught and may be conducted during annual refresher training while teaching the emergency - escapeway - emergency evacuation component of annual refresher training (retraining).

9. Approved Instructors

- a. If a person is an approved instructor by the State of Virginia, is he/she an approved instructor throughout the country?

No, in order to be qualified as an instructor for Part 48, an instructor must be MSHA approved. The state may recommend someone for approval, but an MSHA District Manager must approve.

- b. Does a miner have to be a First Class Mine Foreman to be an approved instructor?

No.

- c. If a person has not taught courses in 24 months, how does he/she reactivate their instructors' certification?

MSHA does not automatically deactivate instructors who have not taught in the previous 24 months. If an instructor is revoked, the instructor must be qualified again under 30 CFR 48.3 (h).

- d. Does all training have to be done by an approved instructor?

New miner, annual refresher and newly employed experienced miner training must be given by an approved instructor, with the exception that a technical expert may present mine specific segments in their area of expertise under the supervision of an approved instructor. Task and hazard training may be given by an experienced miner qualified to conduct the training.

- e. Will training conducted by or under the supervision of an MSHA qualified instructor in First Responder or EMT suffice for mandated first aid training for selected supervisors under Part 75/77?

Yes, selected supervisors must receive a total of 5 hours of first aid training annually.

10. Records of Training

- a. How long do 5000-23 forms have to be kept at the mine site?

Copies of training certificates for currently employed miners shall be kept at the mine site for 2 years. For miners no longer working at the site, training certificates must be kept for 60 days after employment termination.

- b. What documentation (if any) is required for a miner demonstrating safe operation procedures for tasks performed within the past 12-month period?

Completion of 5000-23 forms for 48.7 or 48.27 is the required record keeping for task training. This training should include the provisions of 48.7 and 48.27 related to supervised practice. A person who has performed the task in question during the preceding 12 months does not require task training.

A miners experience can be determined through various ways. The following are some examples of determining a miners experience: previous employment history and documentation of that history, interviewing the miner and watching the miner demonstrate proficiency of the task in both a non-production and production environment.

- c. Other than hazard or task training records, what other Part 48 training records should operators keep for contractors?

New miner, newly employed experienced and annual refresher training if given by the operator.

11. Miner Training, Pay, Rest Period

- a. Can miners working at two or three different mines attend the same annual refresher training class?

Yes, however, this training format is not recommended. Training could be accomplished if mine specifies for each mine are covered adequately.

- b. What policy applies to miners receiving a rest period between work and attending annual refresher training?

A reasonable rest period between a working shift and a training session should be provided.

- c. Do operators pay miners time and a half for training conducted on Saturday?

Miners shall be paid at the same rate of pay they would have received had they been working. If the rate of pay is time and a half for working on Saturday, the operator would be required to compensate at that rate.

- d. Miners are working four (4) 10 hour shifts – would normal pay be given for training for 10 hours if only 8 hours training given?

If a training session is 8 hours, 8 hours pay would be required.

12. Other

- a. Are security guards required to have comprehensive training (annual refresher, new miner) or just hazard training?

Individuals not engaged in the extraction and production process, not regularly exposed to mine hazards, or inconsequentially exposed to mine hazards must receive the appropriate Sections 48.11/48.31 hazard training.

- b. Can the District Manager require changes to training given by the operator and listed in the mine training plan?

Yes, Part 48 allows the District Manager the discretion to require other courses as may be needed, based on circumstances and conditions at the mine.

- c. Are supervisors required to attend Part 48 annual retraining?

Yes.

- d. What does regular exposure mean, once a week, once a month or once a year?

Regular exposure means either frequent exposure, that is exposure to hazards at the mine on a frequent rather than consecutive day basis (a pattern of recurring exposure) or extended exposure of 5 consecutive workdays, or both.

- e. What training is required at idle mines where no coal is being processed?

Comprehensive training is required if anyone is working at the mine.

- f. What is MSHA's definition of extraction and production?

Extraction and production refers to the process of mining and removal of coal or ore from a mine. This process includes both the mechanical and chemical separating of coal from the surrounding rock and metal or valuable minerals from ore and concentrate; removal and milling conglomerates or rocks by crushing, screening, or sizing, and haulage associated with these processes.

B. Virginia Division of Mines

1. General Coal Miner

- a. Can a miner in West Virginia or Kentucky reciprocity general coal miner certification from their state to Virginia?

No, applicants must complete training in Virginia Coal Mine Safety Laws and have proof of minimum 2 hours first aid training within the last 12 months or complete a 2-hour first aid course provided at the time general coal miner training is conducted.

- b. What is the cost of the General Coal Miner certification?

General Coal Miner certification has a \$10 fee.

- c. What, if anything, does a person need to bring with them when they come to attend General Coal Miner Certification training?

\$10 which can be paid with cash, money order or personal check. The check or money order must be made out to the Treasurer of Virginia. If a personal check is used, then the person paying must have a picture ID. A current, within last 12 months, document showing at least 2 hours of first aid training received from an MSHA approved instructor or a DM – BCME Instructor. IF no documentation of current first aid is provided, then the person will receive 2 hours of first aid training before General Coal Miner certification is issued.

- d. Who can conduct General Coal Miner Certification training?

A certified Virginia First Class Mine Foreman, Surface Foreman, Preparation Plant Foreman, Shaft/Slope Foreman or a DM approved BCME instructor.

- e. If a first class mine foreman or surface foreman conducts general coal miner training for a person at a mine, what is required before that person is entitled to work as a certified general coal miner?

The appropriate applications (completion of BCME 1 and 3 forms), proof of current 2 hours first aid training and \$10 fee must be received and processed by DM office personnel before a person is authorized to work as a certified general coal miner.

- f. A BCME instructor provided general coal miner training to a person and gave the person a copy of the appropriate training forms. The instructor informed the student that they could go to work because they had received the required training. A week later a DM Inspector issued this person and company a violation for failure of such person to be certified as a general coal miner. Why were the violations issued?

The BCME Instructor or applicant failed to submit the appropriate completed BCME 1 and 3 forms, proof of current 2 hours first aid training or the \$10 fee to the Division of Mines. The applications, completed forms and \$10 fee must be received and processed before a person is authorized to work as a general coal miner.

- g. A DM Inspector at a mine site is attempting to verify a person's general coal miner certification on the DM computer system and has no record of such person having completed this training. Does this mean that the person is not qualified as a general coal miner to work in a Virginia coal mine?

No, not necessarily.

Several reasons could explain why the person is not shown in the DM computer system as having completed this training:

- 1) The person may have worked in a Virginia coal mine prior to January 1, 1996 and thus is not required to have a general coal miner certification.***
- 2) The training may have just been completed and the required applications and fee have not been processed by DM office staff.***
- 3) The instructor that provided the training may not have submitted the required BCME 1 and 3 forms, proof of current 2 hours first aid training and fee to the DM office.***
- 4) The mine inspector may not have downloaded the DM computer certifications recently.***

- h. Does a general coal miner certification expire or require any type of retraining to maintain this certification.

No, but as is the case with all DM issued certifications, the Board of Coal Mining Examiners may revoke any certification for just cause.

- i. A person has worked in a Kentucky or West Virginia coal mine for the past 7 years but prior to going to work in Kentucky or West Virginia, that person

worked in a Virginia coal mine for 10 years. Is this person required to hold a general coal miner certification prior to returning to work in a Virginia coal mine.

No, provided the person has proof of employment in a Virginia coal mine prior to January 1, 1996.

- j. A person has recently completed new inexperienced miner training in Kentucky or West Virginia and is seeking employment in a Virginia coal mine. Does this new miner training fulfill the requirements for Virginia general coal miner training?

No. New inexperienced miner training is MSHA – 30 CFR Part 48 training and this person must complete Virginia general coal miner training prior to working in a Virginia coal mine.

- k. A person is employed at a shaft or slope sinking operation. Is this person required to have a general coal miner certification?

Yes. Those persons performing work involving shaft or slope sinking operations are required to have underground general coal miner training and certification.

2. Gas Detection

- a. Does a person need gas detection certification to work underground in a Virginia coal mine?

Yes. All miners working in by the last open crosscut shall be certified by the Board of Coal Mining Examiners to conduct gas detection. (Ref. 45.1-161.231B). It is recommended that all underground miners receive gas detection training and certification.

All applicants for general coal miner certification must pass the gas detection examination unless working only on the surface of a mine. (Ref. BCME Certification Requirements 4VAC 25-20-255 (A-3).

- b. Who can provide gas detection certification training in Virginia?

Only DM staff can conduct gas detection training as required by the Coal Mine Safety Laws of Virginia.

- c. When and where can an individual receive gas detection certification training?

DM staff conducts gas detection certification training and general coal miner certification training at the Keen Mountain and Big Stone Gap offices every Wednesday starting at 8am. In case of an emergency, such as a job opportunity arises before the next scheduled class, arrangements can be made, on a case by case basis, to have someone from DM conduct a special class.

- d. What is the cost of gas detection certification training ?

Gas detection certification training is provided at no charge.

- e. A person has a gas detection certification card issued by MSHA. Is this person required to be trained and certified by a DM person to work in a Virginia underground coal mine?

Yes, if you work in by the last open crosscut in a Virginia coal mine or if you are required to obtain an underground general coal miner certification, then a DM gas detection certification card is required.

- f. What is required to obtain a gas detection certification card?

Attend a gas detection training class (1 to 2 hours); complete and submit a BCME-1 application form and complete student information on a mine gas detection qualification checklist.

3. Advanced First Aid

- a. If I do not attend an advanced first aid continuing education training class (4 hours) prior to the end of 12 months from the date of issuance, is my advanced first aid card revoked?

No. Your certification goes into suspension and you CANNOT act in the capacity of an advanced first aid person. If you do not attend a four-hour continuing education training class prior to the end of the twelve months suspension period, then your certification will be revoked.

Example: The expiration date of your certification is 12-31-03. A one year suspension period would terminate 12-31-04 and then your certification would then be revoked.

- b. How long is an advanced first aid certification valid?

One year from the date of issuance.

- c. What type training is required to maintain a current advanced first aid certification?

Attend a four-hour continuing education training class prior to the one year period from the date of issuance.

- d. A person had not attended an advanced first aid continuing education training class within one year from the date issued or renewed and has allowed their certification to go into "suspension". Can they fulfill the requirements of an advanced first aid person at a mine?

No, if a person's advanced first aid certification has gone into suspension, then they can not act as an advanced first aid person to comply with the Coal Mine Safety Laws of Virginia.

- e. A person's advanced first aid certification has gone into "suspension" but has not been revoked. How can their certification be re-activated to a valid status?

By attending a four-hour advanced first aid continuing education training class within one year from the date of suspension.

- f. Does DM charge a fee for advanced first aid continuing education training classes?

No, but independent or institution trainers may charge a fee for this training. DM instructors as well as other instructors charge a \$7 fee for the processing of CPR cards. (The American Red Cross requires a \$7 fee for processing CPR cards).

- g. Will DM staff notify a person about the upcoming expiration of their advanced first aid certification?

No. Each certified person has the responsibility to monitor their certification expiration date and to complete a four-hour continuing education class prior to their expiration date necessary to retain a valid card.

- h. Who can a person contact to get scheduled in an advanced first aid continuing education training class?

DM staff conducts advanced first aid continuing education training classes each calendar quarter at both the Big Stone Gap (BSG) and Keen Mountain (KM) offices. A person can call the DM BSG office (276-523-8227) or KM office (276-498-4533) to schedule a class. Independent trainers and both community colleges also schedule these classes on a demand basis.

4. Continuing Education

- a. If a person attended a surface or underground mine foreman continuing education training class by August 20, 2001 but failed to attend by August 20, 2003, is their certification revoked?

No. If a surface or underground mine foreman fails to attend a continuing education class by August 20, 2003, then the certification goes into suspension and that person CANNOT act as a foreman. If the continuing education requirement is not completed by August 20, 2005, then the certification is revoked.

- b. A person's first class mine foreman or surface foreman certification has gone into "suspension" but has not been revoked? How can their certification be re-activated to a valid status?

By attending an applicable four-hour foreman continuing education training class prior to the applicable revocation date.

- c. Who can a person contact to get scheduled in a first class mine foreman or surface foreman continuing education training class?

DM staff develop PowerPoint training programs that are reviewed with trainers and distributed to all trainers that provide this training.

Both community colleges and various independent DM certified trainers schedule these training classes on a demand basis. Scheduling of these classes are published and shared throughout the mining community.

5. Reciprocity

- a. What reciprocity agreements are in effect between Virginia and Kentucky or West Virginia?

Virginia and West Virginia reciprocity First Class Mine Foreman, Surface Foreman, Electrical Repairman and Surface Blaster.

Virginia and Kentucky reciprocity Surface Blaster only at this time.

Kentucky and MSHA certified electricians can receive a Virginia electrical repairman certification by taking and passing the practical skill station segments of the Virginia electrical repairman exam and by providing a copy of their Kentucky exam grades with a required minimum of 80% on all parts. If a Kentucky/MSHA certified electrician fails any of the practical skill stations, then they must take the entire applicable electrical examination. Also, current holders of West Virginia – EMT or Kentucky miner – EMT (MET) can complete eight hours of advanced first aid training including updated CPR re-certification and receive a Virginia advanced first aid certification. This is not a reciprocal agreement.

6. Other

- a. Where can individuals obtain underground or surface new inexperienced miner training, underground and surface foreman certification and continuing education training, advanced first aid training, electrical training, etc.?

MECC (Mountain Empire Community College, telephone no. 276-523-2400), SVCC (Southwest Virginia Community College, telephone no. 276-964-2555), and some independent trainers conduct various types of MSHA and DMME

required training. DM instructors conduct selected mine foreman and electrical certification training classes periodically on a request-demand schedule. DM classes are scheduled and advertised in local newspapers, posters, etc. For information on DM classes, call 276-523-8227 or 276-498-4533.

NOTE: DM does not conduct any new miner training classes.

- b. Can a person with a Kentucky MET (Miner - EMT) certification or a West Virginia EMT – mining certification serve as a certified emergency medical technician person at a Virginia coal mine?

No, but a person holding a current Kentucky MET, or a current West Virginia EMT can reciprocity these to a Virginia Advanced First Aid certification.

To receive reciprocity, a person must submit a completed BCME-1 application, pay a \$10 fee, attend an 8 hour Advanced First Aid reciprocity class and present a copy of current West Virginia – EMT or Kentucky – MET certification card.

- c. How can a mine official verify a person’s Division of Mines certifications?

- 1) This information is available on-line at the DM web-site, www.mme.state.va.us.*
- 2) A DM Inspector or Technical Specialist can enter any person’s name and social security number in the DM computer certification system and the system will identify all DM certifications that such person possesses; or*
- 3) Call either respective DM office, Keen Mountain 276-498-5233 or Big Stone Gap 276-523-8149, provide the person’s name and social security number and a DM staff person can provide all the DM certifications that a person possesses.*

- d. What type of training documentation will verify proof of 2 hours of current first aid training as required for various DM certifications?

- 1) An MSHA 5000-23 training form with newly employed inexperienced miner training marked and dated within the last 12 months;*
- 2) An MSHA 5000-23 training form with annual refresher training (retraining) marked and dated within the past 12 months;*
- 3) An MSHA 5000-23 training form with “other” marked and dated within the last 12 months and stating 2 hours first aid training;*
- 4) A current Advanced First Aid certification card;*
- 5) A current EMT – First Responder or other EMT card.*

- e. What type of training documentation CANNOT be used to verify proof of 2 hours of current first aid training as required for various DM certifications?

- 1) An MSHA 5000-23 training form with annual refresher training (retraining) marked longer than 12 months ago;*

- 2) *An MSHA 5000-23 training form with task, hazard or experienced miner training marked (first aid is not provided in these types of training);*
- 3) *An expired advanced first aid card;*
- 4) *An expired EMT- First Responder or other EMT card.*

f. How does a diesel engine mechanic, advanced first aid or BCME instructor maintain a valid instructor status?

Two requirements are necessary for a trainer to maintain a valid instructor status:

- 1) *By teaching the required number of applicable training courses; and*
- 2) *By submitting documentation to the Regulatory Boards Administrator, verifying that the instructor has taught the number of training classes as required by the Board of Coal Mining Examiners Certification Requirements.*

Ref. – diesel engine mechanic instructor: 4 VAC 25-20-200

Ref. – advanced first aid instructor: 4 VAC 25-20-220

Ref. – BCME instructor: 4 VAC 25-20-259

g. Can a diesel engine mechanic, advanced first aid or BCME instructor teach a DM required training class if their instructor certification is in a “suspension” status?

No. Instructors must have a valid instructor status to teach DM required training classes.

h. A diesel engine mechanic, advanced first aid or BCME instructor has not taught the number of training classes as required by the Board of Coal Mining Examiners Certification Requirements and has allowed their instructor status to go into “suspension”. How would an instructor get re-instated to a “valid” instructor status?

By co-teaching an applicable training class under the supervision of a valid instructor and submitting documentation to the Regulatory Boards Administrator, verifying that the instructor has assisted in co-teaching an applicable training class.

V. Training Records

A. 30 CFR Parts 48, 75 and 77

Training record requirements are referenced in 30 CFR 48.9 and 75.1713-6 (for underground) and 48.29 and 77.1706 (for surface).

Upon a miner's completion of each MSHA approved training program, the operator shall record and certify on an MSHA form 5000-23 that the miner has received the specified training. A copy of the training certificate shall be given to the miner at the completion of the training. The training certificates for each miner shall be available at the mine site for inspection by MSHA and for examination by the miners, the miner's representative, and State inspection agencies. When a miner leaves the operator's employment, the miner shall be entitled to a copy of his training certificate.

False certification that training was given shall be punishable under section 110 (a) and (f) of the Act.

Copies of training certificates for currently employed miners shall be kept at the mine site for 2 years, or for 60 days after termination of employment.

The following required underground and surface training **is required to be documented on an MSHA 5000-23 form:**

1. *New Inexperienced miner;*
2. *Experienced Miner;*
3. *Task Training;*
4. *Annual Retraining;*
5. *Hazard Training for persons required to travel underground*

The following training **may but is not required to be documented on an MSHA 5000-23** form, but a record must maintained:

1. *Electrical Retraining;*
2. *Supervisory Retraining (the three hours of additional first aid);*
3. *Hazard training for surface miners and surface areas of underground mines if the following two criteria satisfy hazard training requirements; (a) verbal instructions of mine hazard avoidance procedures are given by mine personnel and the person receiving the instructions signs a log sheet indicating receipt of the instructions; OR (b) written instructions of mine hazard avoidance procedures are supplied. The written instructions, signed by the person receiving them or a log sheet signed by the recipient must be maintained as a record.*

Instructions for completing an MSHA 5000-23 Certificate of Training form

All Part 48 training must be properly recorded on a Mine Safety and Health Administration (MSHA) Form 5000-23 (training certificate), or on an MSHA approved alternate form. In some instances a log sheet may be utilized (see section on Optional Hazard Training Recordkeeping). The following instructions are an aid for completing an MSHA Form 5000-23. For additional information on the 5000-23 or having an alternate 5000-23 form approved, see page 4 of these instructions or refer to the MSHA Program Policy Manual, Volume III.

The current 5000-23 form with an expiration date of May 31, 1998, comes with four copies. Previously issued 5000-23 forms with an expiration date prior to May 31, 1998, can still be used. The fourth copy of the form (Recordkeeping) can be used by state grantees or instructors conducting Part 48 training. On the bottom right-hand side of the form is a notation of what each copy of the form is used for, as listed below:

<i>Copy 1 (white)</i>	<i>Employer's Personnel Record</i>
<i>Copy 2 (pink)</i>	<i>Employee's Record Copy</i>
<i>Copy 3 (yellow)</i>	<i>Employee's Separation Copy</i>
<i>Copy 4 (green)</i>	<i>Record Keeping</i>

The following is a description of how to complete each item of the 5000-23.

Serial Number (for operator's use)	This is an optional field which may be used to help track employees by an identification number. There is no Federal requirement to use this field.
Item 1. <u>Print</u> Full Name of Person Trained (first, middle, last)	Enter the person's name who has received the training.
Item 2. Check Type of Approved Training Received	There are five boxes for the five types of training required. Check the appropriate
Item 3. Check the Type of Operation and Related Industry	(1) Mark the box for the appropriate commodity: coal, metal or nonmetal. (2) Mark the box for the appropriate location: surface or underground. (3) Mark the appropriate box if the training for construction or shaft and slope work. When completed, the box should identify the type of mining, location and if construction or shaft and slope activities are involved.

Item 4. Date Training Requirements Completed

Depending on whether the training is complete or partial will determine how this item is completed. By only entering a date, it will indicate that the training marked in item 2 is completed.

Placing a check in the box to the right of the date entry, indicates that the training for the program(s) marked in item 2 is not complete. Examples of partially completed training include: (1) training for new miners given away from the mine site (which will then require site specific training at the mine site); (2) utilizing the 8 and 16 hours in 60-day provision for newly employed inexperienced surface miners; and (3) providing partially completed annual refresher training.

Item 5. Check Subjects Completed (Use Only for Partially Completed Training)

This is generally used for conducting annual refresher training in increments throughout an annual refresher cycle; or for newly employed inexperienced miner training which does not cover mine specific courses that are required to be covered at the mine site.

Item 6. Signature of Person Responsible for the Training on the 5000-23

Upon completion of an MSHA approved training program, such as newly employed experienced miner, task, or annual refresher training, the mine operator shall record and certify on MSHA Form 5000-23 that the miner has received the specified training (except where the optional recording method is used, see page 4).

The person signing the 5000-23 form in item 6 is representing that the miner has received the indicated training. Anyone falsifying a 5000-23 is criminally liable under section 110(a) and (f) of the Federal Mine Safety and Health Act.

Generally, this person signing the form is the mine operator or a person acting on behalf of the operator. For example, a company safety official, a trainer employed or contracted by the operator, or a cooperative instructor (such as , a state grantee).

Item 7. Mine Name, ID, & Location of Training (if Institution, Give Name Address)	List mine name, mine ID and location where training was conducted. If the training was conducted by a cooperative instructor or state grantee and a class participant is not employed at a particular mine, then fill in the cooperative instructor's name or state name and address.
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Item 8. Date and (Signature of Person Trained)	The person trained has the option of signing and dating the form, acknowledging that the training indicated on the form was received. A copy of the 5000-23 shall be given to the miner upon completion of each MSHA approved training program, such as newly employed experienced miner, task, or annual refresher training (except where the optional recording method is used, see page 4).
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Optional Recording of a 12-Month Training Cycle on One 5000-23 Form:

All MSHA approved training programs, such as newly employed experienced miner, task, and annual refresher training, completed within a miner's 12-month training cycle may be recorded on one MSHA Form 5000-23, provided the following procedures are used:

1. Each time a miner completes an MSHA approved training program, the operator must initial and date the form to certify that the miner has received the specified training. Initialing and dating can be done in the space on the form adjacent to the type of approved training (Item 2). Also, the miner should be given an opportunity to sign or initial the form.
2. If requested by the miner, a copy of the 5000-23 must be given to the miner when an MSHA approved program is completed and recorded.
3. At the end of the 12 month training cycle, or when the miner signs item 8 of the form, a copy of the completed form signed by the operator or the operator's representative must be given to the miner.

Optional Hazard Training Recordkeeping for Surface Mines and Surface Areas of Underground Mines

Under Section 48.31 (Surface Hazard Training), an operator may use a Form 5000-23 to record hazard training. The Form 5000-23 need not be used, however if one of the following situations satisfy hazard training requirements:

1. Verbal instructions of mine hazard avoidance procedures are given by mine personnel, and the person receiving the instructions signs a log sheet indicating receipt of the instructions, and the log is maintained as a record; **or**
2. Written instructions of mine hazard avoidance procedures are supplied. The written instructions, signed by the person receiving them, or a log sheet signed by the recipient must be maintained as a record.

Alternate Approved Forms

Part 48 training may be recorded by the operator on an MSHA approved alternate form. Alternate forms must include at least as much information as a Form 5000-23, and should be labeled MSHA Approved Alternate Form 5000-23, [current month and year]. Alternate forms proposed by the operator must be sent for approval to the Director of Educational Policy and Development, MSHA, 1100 Wilson Boulevard, Arlington, Virginia 22209.

Certificate of Training

U.S. Department of Labor
 Mine Safety and Health Administration



Approved OMB Number 1219-0070, Expires November 30, 2004.
 This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by sections 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<input type="checkbox"/> Issue Certificate Immediately Upon Completion of Training	Serial Number (for operator's use)
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1. Print Full Name of Person Trained (first, middle, last)

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials <small>First</small> <small>Last</small>	Date	Task	Initials <small>First</small> <small>Last</small>

3. Check Type of Operation and Related Industry:

A. <input type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed Check if not completed and go to item 5, below.

If completed, go to item 6, below.

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways; Emergency Evacuation; Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners' Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify)

6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P. L. 91-173 as amended by P. L. 95-164).	I certify that the above training has been completed (signature of person responsible for training)
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7. Mine Name, ID, & Location of Training (if institution, give name & address)

8. Date	I verify that I have completed the above training (signature of person trained)
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B. Virginia Division of Mines

The following re-certification training is required to be documented on a DM-BCME-4 form (**verification of training completed for continuing education**) and submitted to the Division of Mines:

- 1. Advanced First Aid;*
- 2. Diesel Engine Mechanic;*
- 3. First Class Mine Foreman;*
- 4. Surface Foreman;*
- 5. Electrical Repairman (underground and surface).*

NOTE: The continuing education DM-BCME – 4 forms for first class and surface mine foreman, advanced first aid and diesel engine mechanic are completed in a similar manner since these four certifications require four (4) hours of continuing education training.

The continuing education DM-BCME – 4 form for electrical repairman is different only in that eight (8) hours continuing education training is required.

A record of the following re-certification training is also required to be documented and submitted to the DM Regulatory Boards Administrator for verification of completion of continuing education requirements to be re-certified:

- 1. Advanced First Aid Instructor;*
- 2. BCME Instructor;*
- 3. Surface Blaster;*
- 4. Diesel Engine Mechanic Instructor.*

VI. Training Procedures

A. Hazard Training (MSHA)

1. Underground (48.11)

- a. Hazard recognition and avoidance;
- b. Emergency and evacuation procedures;
- c. Health and safety standards, safety rules and safe working procedures;
- d. Use of self rescue and respiratory devices;
Includes complete donning of SCSR.
- e. Other courses as designated by the MSHA District Manager.

NOTES: All personnel receiving hazard training must be accompanied by an experienced miner while underground.

Any qualified person can conduct this training provided they have an understanding of the material required to be reviewed.

A certificate of training form, **MSHA 5000-23, is required to be completed for this training.**

This training record of miners must be kept at the mine for currently employed miners for 2 years **and** for 60 days after termination of employment.

Hazard Training (MSHA)

2. Surface (48.31)

- a. Hazard recognition and avoidance;
- b. Emergency and evacuation procedures;
- c. Health and safety standards, safety rules and safe working procedures;
- d. Use of self rescue and respiratory devices;
- e. Other courses as designated by the MSHA District Manager.

Notes: Any qualified person can conduct this training, provided they have an understanding of the material required to be reviewed.

For surface miners and surface areas of underground mines under Section 48.31 hazard training, the operator may use a 5000-23 form for hazard training. **The 5000-23 form is not required to be used, if the following situations satisfy hazard training requirements:**

- 1) Verbal instructions of mine hazard avoidance procedures are given by mine personnel, and the person receiving the instructions signs a log sheet indicating receipt of the instructions. **or;**
- 2) Written instructions of mine hazard avoidance procedures are supplied. The written instructions, signed by the person receiving them, or a log sheet signed by the recipient must be maintained as a record.

This training record of miners must be kept at the mine for currently employed miners for 2 years **and** for 60 days after termination of employment.

B. Task Training (MSHA)

1. Underground (48.7)

- a. Health and safety aspects and safe operating procedures for work tasks, equipment and machinery;
- b. Supervised practice during nonproduction; or (c)
- c. Supervised operation during production;
- d. Operating procedures for new or modified machines and equipment;
- e. Other courses as designated by the MSHA District Manager.

NOTES: A qualified trainer, a supervisor experienced in the assigned task or other person experienced in the assigned task can conduct this training.

A certificate of training form, **MSHA 5000-23, is required to be completed for this training.**

This training record of miners must be kept at the mine for currently employed miners for 2 years **and** for 60 days after termination of employment.

Task Training (MSHA)

2. Surface (48.27)

- a. Health and safety aspects and safe operating procedures for work tasks, equipment and machinery;
- b. Supervised practice during non-production; or (c)
- c. Supervised operation during production;
- d. Operating procedures for new or modified machines and equipment;
- e. Other courses as designated by the MSHA District Manager.

NOTES: A qualified trainer, a supervisor experienced in the assigned task or other person experienced in the assigned task can conduct this training.

A certificate of training form, **MSHA 5000-23, is required to be completed for this training.**

This training record of miners must be kept at the mine for currently employed miners for 2 years **and** for 60 days after termination of employment.

New Miner - Underground (MSHA)

1. Inexperienced Miner (48.5)

- a. Instructions in the statutory rights of miners and their representatives under the Act, authority and responsibility of supervisors;
- b. Self-rescue and respiratory devices;
- c. Entering and leaving the mine, transportation, communications;
- d. Introduction to work environment (mine tour)*;
- e. Mine map, escapeways, emergency evacuation, barricading;
- f. Roof or ground control, ventilation, plans, extended cut plan;
- g. Health (noise and dust);

- h. Cleanup, rock dusting;
 - i. Hazard recognition (accident prevention);
 - j. Electrical hazards;
 - k. First aid (not over 6 hours);
 - l. Mine gases;
 - m. Mandatory health and safety aspects of the task to which the new miner will be assigned;
 - n. Other courses as may be required by the District Manager based on circumstances and conditions at the mine.
- * To be completed at the mine site.**

Underground inexperienced miner training will consist of 32 hours classroom training and approximately 8 hours at the mine site. The approximately 8 hours of mine site (tour) training will focus on mine specific areas including, but not limited to: mining methodology, SCSR's used at the mine, ventilation systems, communication systems, transportation, face and belt haulage, emergency escapeways, evacuation procedures, checking system, mine specific hazards, mine specific SCSR, etc.

NOTES: Only an MSHA approved instructor identified on the mine, institution or independent trainer - training plan is authorized to conduct this training.

A certificate of training form, **MSHA 5000-23, is required to be completed for this training.**

This training record of miners must be kept at the mine for currently employed miners for 2 years **and** for 60 days after termination of employment.

New Miner - Underground (MSHA)

2. Experienced Miner Training (48.6)

- a. Introduction to the work environment (mine tour);
- b. Mandatory health and safety standards pertinent to the assigned task;
- c. Authority and responsibilities of supervisors, miner's representatives and any mine rules;
- d. Entering and leaving the mine, communications and transportation;
- e. Mine maps, escapeways, emergency evacuations and barricading;
- f. Roof or ground control and ventilation plans;
- g. Hazard recognition;
- h. Self rescue and respiratory devices (SCSR's must be donned);
- i. Prevention of accidents;
- j. Explosives (if applicable);
- k. Emergency medical procedures;
- l. Health (noise and dust);
- m. Health and safety aspects of the tasks to which the experienced miner will be assigned;
- n. Other courses may be required by the District Manager based on circumstances and conditions at the mine.

NOTES: Only an MSHA approved instructor identified on the mine training plan and the courses they are qualified to teach can conduct this training.

A certificate of training form, **MSHA 5000-23, is required to be completed for this training.**

This training record of miners must be kept at the mine for currently employed miners for 2 years **and** for 60 days after termination of employment.

D. New Miner – Surface Mines and Surface Areas of Underground Mines (MSHA)

1. Inexperienced Miner (48.25)

- a. Instructions in the statutory rights of miners and their representatives under the Act, authority and responsibility of supervisors;
- b. Self rescue and respiratory devices;
- c. Transportation controls and communication systems;
- d. Introduction to work environment (mine tour)*;
- e. Escape and emergency evacuation plans, firewarning and firefighting;
- f. Ground control, working in areas of highwalls, water hazards, pit and spoil banks, illumination and night work;
- g. Health (noise and dust);
- h. Hazard recognition (accident prevention);
- i. Electrical hazards;
- j. First aid (not over 6 hours);
- k. Explosives (applicable if explosives are used or stored on mine property);
- l. Mandatory health and safety aspects of the task to which the new miner will be assigned;
- m. Other courses as may be required by the District Manager based on circumstances and conditions at the mine.

NOTES: Only an MSHA approved instructor identified on the mine, institution or independent trainer - training plan and the courses they are qualified to teach can conduct this training.

A certificate of training form, **MSHA 5000-23, is required to be completed for this training.**

This training record of miners must be kept at the mine for currently employed miners for 2 years **and** for 60 days after termination of employment.

New Miner – Surface Mines and Surface Areas of Underground Mines (MSHA)

2. Experienced Miner Training (48.26)

- a. Introduction to the work environment (mine tour);
- b. Mandatory health and safety standards pertinent to the assigned task;
- c. Authority and responsibilities of supervisors, miner's representatives and any mine rules;
- d. Entering and leaving the mine, communications and transportation;
- e. Emergency evacuations, firewarning and firefighting;

- f. Ground controls, working in areas of highwalls, water hazards, spoil banks, night work;
- g. Hazard recognition;
- h. Prevention of accidents;
- i. Emergency medical procedures;
- j. Health (noise and dust);
- k. Health and safety aspects of the tasks to which the experienced miner is assigned;
- l. Other courses may be required by the District Manager based on circumstances and conditions at the mine.

NOTES: Only an MSHA approved instructor identified on the mine training plan and the courses they are qualified to teach can conduct this training.

A certificate of training form, **MSHA 5000-23, is required to be completed for this training.**

This training record of miners must be kept at the mine for currently employed miners for 2 years **and** for 60 days after termination of employment.

E. Annual Refresher Training – Retraining (MSHA)

1. Underground (48.8)

- Mandatory health and safety standards;
- Transportation controls and communication systems;
- Barricading (mine emergencies, evacuation, etc.);
- Roof or ground control and ventilation plans; emergency evacuation and firefighting plans
- First aid (not over 2 hours);
- Electrical hazards;
- Prevention of hazards;
- Self rescue and respiratory devices (requires instruction, demonstration and donning of SCSR by all miners);
- Explosives (if used or stored on mine property);
- Mine gases;
- Health (noise and dust);
- Other courses as may be required by the District Manager based on circumstances and conditions at the mine.

NOTES: If conducted periodically, sessions shall be not less than 30 minutes of actual instruction time and miners shall be notified that the session is part of annual refresher training.

Must be conducted by an MSHA approved instructor identified on the mine, institution or independent trainer - training plan.

A certificate of training form, **MSHA 5000-23, is required to be completed for this training.**

Annual Refresher Training – Retraining (MSHA)

2. Surface (48.28)

- Mandatory health and safety standards;
- Transportation controls and communication systems;
- Escape and emergency evacuation plans, firewarning and firefighting;
- Ground control, working in areas of highwalls, water hazards, pits and spoil banks, illumination and night work;
- First aid (not over 2 hours);
- Electrical hazards;
- Prevention of accidents;
- Health (noise and dust);
- Explosives (if used or stored on mine property);
- Self-rescue and respiratory devices;
- Other courses as may be required by the District Manager based on circumstances and conditions at the mine.

NOTES: If conducted periodically, sessions shall be not less than 30 minutes of actual instruction time and miners shall be notified that the session is part of annual refresher training.

Must be conducted by an MSHA approved instructor identified on the mine, institution or independent trainer - training plan.

A certificate of training form, **MSHA 5000-23, is required to be completed for this training.**

F. General Coal Miner

1. Applicants shall submit a completed BCME-1 form (application for examination – see example)
2. Submit a completed BCME-3 form (application for general coal miner – see example)
3. Submit a current copy of first aid certificate or 5000-23 verifying a minimum of 2 hours first aid training. NOTE: Can be satisfied with a current EMT, First Responder, or Advanced First Aid card, new miner 5000-23 or annual refresher 5000-23.
4. Pay \$10 fee at time of certification (cash, check or money order made out to the Treasurer of Virginia. Must have picture ID if paying by personal check).
5. Attend a training session on the Coal Mine Safety Laws of Virginia. Approximately 4 to 5 hours is required for completing underground training and 3 to 4 hours to complete surface training.
6. Complete a written exercise (questions/answers) on the applicable Coal Mine Safety Laws of Virginia. This is not a pass/fail examination but rather to ensure applicants know and understand applicable mine safety laws. All questions will be reviewed and incorrect answers will be discussed until the applicant understands and demonstrates a working knowledge of the mine safety laws.
7. Complete gas detection certification training. (Underground general coal miner certification will not be issued until the person completes gas detection training).

G. Gas Detection

1. Applicants shall complete and submit a BCME-1 form (application for examination – see example)
2. Attend gas detection training conducted by DM staff as only DM staff is authorized to conduct gas detection certification training. Gas detection which includes both lecture and hands-on training takes approximately 1 to 2 hours to complete.
3. Complete a written exercise upon completion of the training. This is not a pass/fail examination but rather is used to ensure the applicant understands the information presented during the training. All questions will be reviewed and incorrect answers will be discussed until the applicant fully understands all the information discussed. Gas detection training is free of charge. Upon completion of the training, a copy of the completed BCME-1 form and gas detection qualification checklist will be provided to the applicant to verify successful completion of the training until a gas detection card is mailed to and received by the applicant.

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.



Issue Certificate Immediately
Upon Completion of Training

Serial Number (for operator's use)

1. Print Full Name of Person Trained (first, middle, last)

Michael Wayne Yates

Sample: Underground Hazard

2. Check Type of Approved Training Received:

- Annual Refresher
 New Task (specify below)
- Experienced Miner
 Newly Employed, Inexperienced Miner
- Hazard Training
 Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt

3. Check Type of Operation and Related Industry:

- A. Surface
B. Coal
- Construction
 Metal
- Underground
 Nonmetal
- Shaft & Slope

4. Date Training Requirements Completed

07-01-03

Check if not completed
And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

- | | | |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Introduction to Work Environment | <input type="checkbox"/> Roof/Ground Control & Ventilation | <input type="checkbox"/> Health |
| <input type="checkbox"/> Hazard Recognition | <input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading | <input type="checkbox"/> Electrical Hazards |
| <input type="checkbox"/> Emergency Medical Procedures | <input type="checkbox"/> Cleanup; Rock Dusting | <input type="checkbox"/> First Aid |
| <input type="checkbox"/> H&S Aspects of Tasks Assigned | <input type="checkbox"/> Mandatory Health & Safety Standards | <input type="checkbox"/> Mine Gases |
| <input type="checkbox"/> Statutory Rights of Miners | <input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives | <input type="checkbox"/> Explosives |
| <input type="checkbox"/> Self-Rescue & Respiratory Devices | | <input type="checkbox"/> Prevention of Accidents |
| <input type="checkbox"/> Transport & Communication Systems | | <input type="checkbox"/> Other (specify) _____ |

6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).

I certify that the above training has been completed
(signature of person responsible for training)

Bill Jones

7. Mine Name, ID, & Location of Training (if institution, give name and address)

**S and J Mining Co.
FID No. 44-00529
Big Stone Gap, VA 24219**

8. Date

07-01-03

I verify that I have completed the above training
(signature of person trained)

Michael Yates

Certificate of Training

U.S. Department of Labor
 Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
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1. Print Full Name of Person Trained (first, middle, last)
John David Sams

Sample: Surface Hazard

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input checked="" type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt

3. Check Type of Operation and Related Industry:

A. <input checked="" type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed
07-01-03

Check if not completed
 And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).

	I certify that the above training has been completed (signature of person responsible for training) <p style="text-align: center;">Brandon Giles</p>
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7. Mine Name, ID, & Location of Training (if institution, give name and address)

Davis Mining Co.
FID No. 44-00426
Coeburn, VA 24230

8. Date
07-01-03

I verify that I have completed the above training
 (signature of person trained)
John Sams

Certificate of Training

U.S. Department of Labor
 Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
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1. Print Full Name of Person Trained (first, middle, last) **Ronald Eugene Barton** **Sample: Underground Task**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input checked="" type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
<i>06-30-03</i>	<i>3 Wheeler</i>	<i>TS</i>		<i>07-08-03 Thru 07-09-03</i>	<i>Joy Miner</i>	<i>CG</i>	
			<i>RB</i>				<i>RB</i>
<i>07-01-03</i>	<i>4 Wheeler</i>	<i>TS</i>		<i>07-10-03</i>	<i>EIMCO Miner</i>	<i>CG</i>	
			<i>RB</i>				<i>RB</i>
<i>07-02-03</i>	<i>Mantrip</i>	<i>TS</i>		<i>07-15-03</i>	<i>Galís Bolter</i>	<i>CG</i>	
			<i>RB</i>				<i>RB</i>
<i>07-05-03 Thru 07-07-03</i>	<i>Diesel Motor</i>	<i>TS</i>		<i>07-20-03 Thru 07-25-03</i>	<i>Fletcher Bolter</i>	<i>CG</i>	
			<i>RB</i>				<i>RB</i>

3. Check Type of Operation and Related Industry:

A. <input type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed Check if not completed And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

	I certify that the above training has been completed (signature of person responsible for training)
--	--------------------------------------------------------------------------------------------------------

7. Mine Name, ID, & Location of Training (if institution, give name and address)

8. Date I verify that I have completed the above training (signature of person trained)

Certificate of Training

U.S. Department of Labor
 Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

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<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
--------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last) **David Williamson Jones** **Sample: Surface Task**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input checked="" type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
06-30-03	992-C Loader	CB	DJ	07-25-03 Thru 07-27-03	783 Hauler	RJ	DJ
07-05-03	Michigan Loader	CB	DJ	07-28-03	D-11 Dozer	RJ	DJ
07-15-03	Water Truck	DB	DJ	07-30-03	D-6 Dozer	RJ	DJ
07-20-03 Thru 07-24-03	777 Hauler	CB	DJ	08-05-03 Thru 08-10-03	Road Grader	RJ	DJ

3. Check Type of Operation and Related Industry:

A. <input checked="" type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed Check if not completed And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

	I certify that the above training has been completed (signature of person responsible for training)
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7. Mine Name, ID, & Location of Training (if institution, give name and address)

8. Date _____ I verify that I have completed the above training
 (signature of person trained)

Task Training – Underground and Surface

Most common mistakes when completing form:

1. Marking the incorrect type of training in item no. 2.

“New Task” must be marked for task training.

2. Failure to identify “specific” type of equipment of task trained on (ex: only miner, bolter, scoop, loader, hauler or dozer is identified as the task when two different types of miners, bolters, scoops, loaders, haulers or dozers are used at the mine).

The specific type of equipment task trained on must be entered on the form (ex: Joy miner or Eimco miner, Galis bolter or Fletcher bolter, S and S scoop or diesel scoop, 992-C Loader or Michigan loader, 777 Hauler or 783 Hauler, D-11 dozer or D-6 dozer).

3. Marking the incorrect date of training in item no. 2 when more than one day is required to complete the training.

Both the beginning date and completion date should be entered when more than one day is required to complete the training.

4. Marking the incorrect type of operation or related industry in item no. 3.

Mark surface coal for surface operations and underground coal for underground mining operations.

5. Marking a date in item no. 4.

A date or dates of task training is not recorded in item no. 4. The task, date and initials of both the instructor and the student are recorded in the “block areas” located in item no 2.

6. One of two or three different people that conducts task training for a miner signs the form in item no. 6 as the “signature of person responsible for training”.

A signature of person responsible for training is not entered in item no. 6 for task training as two, three or multiple miners may conduct various types of task training at a mine. The initials of both the instructor (person conducting the training) and student (person receiving the training) are entered in the applicable location on the form.

Certificate of Training

U.S. Department of Labor
 Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
--------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last)
Forrest Evans Jones

Sample: Inexperienced Underground (1 of 2)

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input checked="" type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
		/				/	
		/				/	
		/				/	
		/				/	

3. Check Type of Operation and Related Industry:

A. <input type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed

Check if not completed
 And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input checked="" type="checkbox"/> Roof/Ground Control & Ventilation	<input checked="" type="checkbox"/> Health
<input checked="" type="checkbox"/> Hazard Recognition	<input checked="" type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input checked="" type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input checked="" type="checkbox"/> Cleanup; Rock Dusting	<input checked="" type="checkbox"/> First Aid
<input checked="" type="checkbox"/> H&S Aspects of Tasks Assigned	<input checked="" type="checkbox"/> Mandatory Health & Safety Standards	<input checked="" type="checkbox"/> Mine Gases
<input checked="" type="checkbox"/> Statutory Rights of Miners	<input checked="" type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input checked="" type="checkbox"/> Self-Rescue & Respiratory Devices		<input checked="" type="checkbox"/> Prevention of Accidents
<input checked="" type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify)

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

	I certify that the above training has been completed (signature of person responsible for training) <p style="text-align: center;">Gary Whisman</p>
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7. Mine Name, ID, & Location of Training (if institution, give name and address)

Mountain Empire Community College
P.O. Drawer 900
Big Stone Gap, VA 24219

8. Date

07-01-03

I verify that I have completed the above training
 (signature of person trained)
Forrest Jones

MSHA Form 5000-23, Jan. 99 (revised)

*** To Be Conducted at Mine Site** **X – Conducted in Classroom**

Certificate of Training

U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
---------------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last)
Forrest Evans Jones **Sample: Inexperienced Underground (2 of 2)**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input checked="" type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt

3. Check Type of Operation and Related Industry:

A. <input type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed
07-02-03 Check if not completed
And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input checked="" type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

<p>I certify that the above training has been completed (signature of person responsible for training) John Blevins</p>	
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7. Mine Name, ID, & Location of Training (if institution, give name and address)
Progress Coal Co.
FID No. 44-06230
Appalachia, VA 24216

8. Date **07-02-03** I verify that I have completed the above training
(signature of person trained)
Forrest Jones

Certificate of Training

U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
--------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last)
Jim Simpson **Sample: Experienced Underground (1 of 2)**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input checked="" type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
		/				/	
		/				/	
		/				/	
		/				/	

3. Check Type of Operation and Related Industry:

A. <input type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed Check if not completed And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input checked="" type="checkbox"/> Roof/Ground Control & Ventilation	<input checked="" type="checkbox"/> Health
<input checked="" type="checkbox"/> Hazard Recognition	<input checked="" type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input checked="" type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input checked="" type="checkbox"/> H&S Aspects of Tasks Assigned	<input checked="" type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input checked="" type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input checked="" type="checkbox"/> Self-Rescue & Respiratory Devices		<input checked="" type="checkbox"/> Prevention of Accidents
<input checked="" type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

<p>6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).</p>	<p>I certify that the above training has been completed (signature of person responsible for training) Billy Bob</p>
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7. Mine Name, ID, & Location of Training (if institution, give name and address)
Southeast Community College
616 South Highway
Bluefield, VA 24000

<p>8. Date 07-01-03</p>	<p>I verify that I have completed the above training (signature of person trained) Jim Simpson</p>
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MSHA Form 5000-23, Jan. 99 (revised)

*** To be conducted at Mine Site** **X – Conducted in Classroom**

Certificate of Training

U.S. Department of Labor
 Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
---------------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last)
Jim Simpson **Sample: Experienced Underground (2 of 2)**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input checked="" type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
		/				/	
		/				/	
		/				/	
		/				/	

3. Check Type of Operation and Related Industry:

A. <input type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed
07-02-03 Check if not completed
 And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input checked="" type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

<p>I certify that the above training has been completed (signature of person responsible for training) Sam Spade</p>	
-------------------------------------------------------------------------------------------------------------------------------------------------------	--

7. Mine Name, ID, & Location of Training (if institution, give name and address)
Gold Rock No. 2 Mine
FID No. 44-111
Vasant, VA 28808

8. Date **07-02-03** I verify that I have completed the above training
 (signature of person trained)
Jim Simpson

Certificate of Training

U.S. Department of Labor
 Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
--------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last)
Bob Rooks **Sample: Experienced Underground (Completed at Mine Site)**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input checked="" type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt

3. Check Type of Operation and Related Industry:

A. <input type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed
07-01-03 Check if not completed
 And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

<p>I certify that the above training has been completed (signature of person responsible for training) James Jack</p>	
--------------------------------------------------------------------------------------------------------------------------------------------------------	--

7. Mine Name, ID, & Location of Training (if institution, give name and address)
Blade Eagle No. 1 Mine
FID No. 44-0000
Haysi, VA 24011

8. Date I verify that I have completed the above training
07-01-03 (signature of person trained)
Bob Rooks

Certificate of Training

U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
--------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last) **Jimmy Ray Miles** **Sample: Inexperienced Surface (1 of 2)**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input checked="" type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
		/				/	
		/				/	
		/				/	
		/				/	

3. Check Type of Operation and Related Industry:

A. <input checked="" type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed _____ Check if not completed And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input checked="" type="checkbox"/> Roof/Ground Control & Ventilation	<input checked="" type="checkbox"/> Health
<input checked="" type="checkbox"/> Hazard Recognition	<input checked="" type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input checked="" type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input checked="" type="checkbox"/> First Aid
<input checked="" type="checkbox"/> H&S Aspects of Tasks Assigned	<input checked="" type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input checked="" type="checkbox"/> Statutory Rights of Miners	<input checked="" type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input checked="" type="checkbox"/> Explosives
<input checked="" type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input checked="" type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).

	<p>I certify that the above training has been completed (signature of person responsible for training)</p> <p style="text-align: center;">Terry Wilson</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------

7. Mine Name, ID, & Location of Training (if institution, give name and address)

Virginia Mining Incorporated
FID No. 44-06215
Hurley, VA 24279

8. Date **07-01-03** I verify that I have completed the above training (signature of person trained)

Jimmy Miles

MSHA Form 5000-23, Jan. 99 (revised)

*** To Be Conducted at Mine Site** **X – Conducted in Classroom**

Certificate of Training

U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
---------------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last)

Jimmy Ray Miles **Sample: Inexperienced Surface (2 of 2)**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input checked="" type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
		/				/	
		/				/	
		/				/	
		/				/	

3. Check Type of Operation and Related Industry:

A. <input checked="" type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed

07-02-03 Check if not completed
And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input checked="" type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

	<p>I certify that the above training has been completed (signature of person responsible for training)</p> <p style="text-align: center;">Bill Wilson</p>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------

7. Mine Name, ID, & Location of Training (if institution, give name and address)

**A and B Strip No. 1
FID No. 44-12165
Wise, VA 24293**

8. Date

07-02-03 I verify that I have completed the above training
(signature of person trained)

Jimmy Miles

Certificate of Training

U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
--------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last)
Billy Ray Wagner **Sample: Experienced Surface (1 of 2)**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input checked="" type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
		/				/	
		/				/	
		/				/	
		/				/	

3. Check Type of Operation and Related Industry:

A. <input checked="" type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed Check if not completed And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input checked="" type="checkbox"/> Roof/Ground Control & Ventilation	<input checked="" type="checkbox"/> Health
<input checked="" type="checkbox"/> Hazard Recognition	<input checked="" type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input checked="" type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input checked="" type="checkbox"/> H&S Aspects of Tasks Assigned	<input checked="" type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input checked="" type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input checked="" type="checkbox"/> Prevention of Accidents
<input checked="" type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).

	<p>I certify that the above training has been completed (signature of person responsible for training) Terry Simpson</p>
--	--------------------------------------------------------------------------------------------------------------------------------------

7. Mine Name, ID, & Location of Training (if institution, give name and address)
Willow Tree Mining Mine No. 2
FID No. 44-0001
Hurley, VA 26491

8. Date **07-01-03** I verify that I have completed the above training (signature of person trained)
Billy Wagner

MSHA Form 5000-23, Jan. 99 (revised)

* To Be Conducted at Mine Site ☐ - If Applicable ☑ X - Conducted in Classroom

Certificate of Training

U.S. Department of Labor
 Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
--------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last)
Billy Ray Wagner **Sample: Experienced Surface (2 of 2)**

2. Check Type of Approved Training Received:

<input type="checkbox"/> Annual Refresher	<input checked="" type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
		/				/	
		/				/	
		/				/	
		/				/	

3. Check Type of Operation and Related Industry:

A. <input checked="" type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed
07-02-03 Check if not completed
 And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input checked="" type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

	I certify that the above training has been completed (signature of person responsible for training) <p style="text-align: center;">John Snodgrass</p>
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7. Mine Name, ID, & Location of Training (if institution, give name and address)
Willow Tree Mining Mine No. 2
FID No. 44-0001
Hurley, VA 26491

8. Date **07-02-03** I verify that I have completed the above training
(signature of person trained)

Billy Wagner

Certificate of Training

U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.



Issue Certificate Immediately
Upon Completion of Training

Serial Number (for operator's use)

1. Print Full Name of Person Trained (first, middle, last)

Billy Bob Jones **Sample: Experienced Surface (Completed at Mine Site)**

2. Check Type of Approved Training Received:

- Annual Refresher
- Experienced Miner
- Hazard Training
- New Task (specify below)
- Newly Employed, Inexperienced Miner
- Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt

3. Check Type of Operation and Related Industry:

- A. Surface
- B. Coal
- Construction
- Metal
- Underground
- Nonmetal
- Shaft & Slope

4. Date Training Requirements Completed

07-01-03

Check if not completed
And go to item 5, below

If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

- Introduction to Work Environment
- Hazard Recognition
- Emergency Medical Procedures
- H&S Aspects of Tasks Assigned
- Statutory Rights of Miners
- Self-Rescue & Respiratory Devices
- Transport & Communication Systems
- Roof/Ground Control & Ventilation
- Mine Map; Escapeways; Emergency Evacuation Barricading
- Cleanup; Rock Dusting
- Mandatory Health & Safety Standards
- Authority & Responsibility of Supervisors & Miners Representatives
- Health
- Electrical Hazards
- First Aid
- Mine Gases
- Explosives
- Prevention of Accidents
- Other (specify) _____

6. False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).

I certify that the above training has been completed
(signature of person responsible for training)

Terry Simpson

7. Mine Name, ID, & Location of Training (if institution, give name and address)

Willow Tree Mining Mine No. 2
FID No. 44-0001
Hurley, VA 26491

8. Date

07-01-03

I verify that I have completed the above training
(signature of person trained)

Billy Jones

Certificate of Training

U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
---------------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last)
Jim Samuel Counts **Sample: Underground Annual Retraining**

2. Check Type of Approved Training Received:

<input checked="" type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt

3. Check Type of Operation and Related Industry:

A. <input type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input checked="" type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed
07-01-03 Check if not completed
And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

<p>I certify that the above training has been completed (signature of person responsible for training) Sam Williams</p>	
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7. Mine Name, ID, & Location of Training (if institution, give name and address)
Barton Mining
FID No. 44-01062
St. Paul, VA 24231

8. Date **07-01-03** I verify that I have completed the above training
(signature of person trained)
Jim Counts

Certificate of Training

U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004.

This certificate is required under Public Law 91-173 as amended by Public Law 95-164. Failure to comply may result in penalties and other sanctions as provided by section 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

<p>➔ Issue Certificate Immediately Upon Completion of Training</p>	<p>Serial Number (for operator's use)</p>
---------------------------------------------------------------------------	-------------------------------------------

1. Print Full Name of Person Trained (first, middle, last) **Bill William Matney** **Sample: Surface Annual Retraining**

2. Check Type of Approved Training Received:

<input checked="" type="checkbox"/> Annual Refresher	<input type="checkbox"/> Experienced Miner	<input type="checkbox"/> Hazard Training
<input type="checkbox"/> New Task (specify below)	<input type="checkbox"/> Newly Employed, Inexperienced Miner	<input type="checkbox"/> Other (specify)

Date	Task	Initials		Date	Task	Initials	
		Inst	Studt			Inst	Studt
		/				/	
		/				/	
		/				/	
		/				/	

3. Check Type of Operation and Related Industry:

A. <input checked="" type="checkbox"/> Surface	<input type="checkbox"/> Construction	<input type="checkbox"/> Underground	<input type="checkbox"/> Shaft & Slope
B. <input checked="" type="checkbox"/> Coal	<input type="checkbox"/> Metal	<input type="checkbox"/> Nonmetal	

4. Date Training Requirements Completed **07-01-03** Check if not completed
And go to item 5, below

➔ If completed, go to item 6, below

5. Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map; Escapeways: Emergency Evacuation Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup; Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices		<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		<input type="checkbox"/> Other (specify) _____

6. **False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P.L. 91-173 as Amended by P.L. 95-164).**

	<p>I certify that the above training has been completed (signature of person responsible for training) Tom Martin</p>
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7. Mine Name, ID, & Location of Training (if institution, give name and address)
**DMME – Keen Mountain Office
P.O. Box 600
Keen Mountain, VA 24254**

8. Date **07-01-03** I verify that I have completed the above training
(signature of person trained)
Bill Matney

Annual Refresher Training (Retraining) – Underground and Surface

Most common mistakes when completing form:

1. Incorrect information entered in item no. 2

Instructor, person responsible for training, and student must verify that “annual refresher” block is marked for annual refresher training (retraining).

2. Incorrect information entered in item no. 3.

Instructor, person responsible for training and student must verify that surface – coal, underground – coal, etc. is properly marked.

3. Failure to enter date or correct date in item no. 4.

The date training was completed must be entered.

4. Failure of the instructor or other person responsible for training to sign in item no. 6 to verify that the applicable training has been completed.

The instructor or other person responsible for the training must sign in item no. 6 on the training form.



Board of Coal Mining Examiners
PO Drawer 900
Big Stone Gap, VA 24219
(276) 523-8149

Verification of Training Completed for Continuing Education

Print in ink and submit to the Board of Coal Mining Examiners (BCME). Complete a separate form for each continuing education requirement met.

- Advanced first aid
- Diesel engine mechanic
- Other Electrical Repairman
- First class mine foreman
- Surface foreman

1. Full Name John Divas S.S.# 200-62-1765
2. Address Rt. 1 Box 750 Clintwood VA 24228
Street or P.O. Box City State Zip Code
3. Home Phone No. (276) 428-1605 Date of Employment 06-95
4. Employer Company Name Barton Mining
Mine Name and Index # Mine No. 2
Address Rt. 61 Box 4 Appalachia VA 24206
Street or P.O. Box City State Zip Code
5. I received continuing education training 8 on 7-1-03. In addition to the four hours required,
I completed, as permitted, N/A to be carried over to meet continuing education requirements for N/A.
hours date(s) hours years

I HEREBY CERTIFY THAT I HAVE RECEIVED THE ABOVE TRAINING.

Signed John Divas 07-01-03
Signature of person trained Cert. # Date

I hereby certify to the BCME that the training I provided to the applicant set forth above meets the requirements of Virginia Code § 45.1-161.34 and the BCME regulation 4 VAC 25-20.

Name printed and signed Tom Smith Tom Smith
Instructor approved by DM providing training

Instructor's Cert. # 24600

Instructor's S.S. # _____



Board of Coal Mining Examiners
 PO Drawer 900
 Big Stone Gap, VA 24219
 (276) 523-8149

Verification of Training Completed for Continuing Education

Print in ink and submit to the Board of Coal Mining Examiners (BCME). Complete a separate form for each continuing education requirement met.

- Advanced first aid First class mine foreman
 Diesel engine mechanic Surface foreman
 Other _____

1. Full Name John Doe S.S.# 210-64-2130
2. Address Rt. 1 Box 402 Dryden VA 24210
Street or P.O. Box City State Zip Code
3. Home Phone No. (276) 426-1321 Date of Employment 06-95
4. Employer Company Name Chan Coal Company
 Mine Name and Index # Mine No. 4
 Address Rt. 1 Box 361 Clinchco VA 24226
Street or P.O. Box City State Zip Code
5. I received continuing education training 4 on 7-1-03. In addition to the four hours required,
hours date(s)
 I completed, as permitted, N/A to be carried over to meet continuing education requirements for N/A.
hours years

I HEREBY CERTIFY THAT I HAVE RECEIVED THE ABOVE TRAINING.

Signed John Doe 07-01-03
Signature of person trained Cert. # Date

I hereby certify to the BCME that the training I provided to the applicant set forth above meets the requirements of Virginia Code § 45.1-161.34 and the BCME regulation 4 VAC 25-20.

Name printed and signed Carl Green Carl Green
Instructor approved by DM providing training

Instructor's Cert. # 24500

Instructor's S.S. # _____

Continuing Education Verification of Training Form (DM-BCME-4)

Most common mistakes when completing form:

1. Information on form – not legible.

Instructor/trainer and students must realize that the forms are “carbon copies” and if a person mistakenly has the form underneath other training information, then other written information will appear on the carbon copy forms making information on the form illegible.

2. Student fails to enter accurate address and/or telephone number on the form or fails to update DM staff when a student’s address or telephone number changes.

The student’s address and telephone number must be accurate and updated if a change in either occurs. Certification cards are mailed to the address entered on the form and an up-to-date address and telephone number provide the only means that DM staff have to contact a person if a question or problem arises with their certification.

3. Incorrect information entered in blanks 3 and 4 of item no. 5.

Blanks 3 and 4 apply only when a student has received 8 hours of applicable first class or surface mine foreman continuing education training.

Four-hour continuing education training courses are developed by DM staff and approved by the Chief, Division of Mines.

Any 8-hour continuing education training course that an instructor may plan to teach must be submitted to and approved by the Chief prior to being conducted.

When an instructor or trainer conducts a four-hour continuing education training class “N/A” (not applicable) should be entered in blanks 3 and 4 of item no. 5.

4. Unclear information requested in item no. 4.

a. If unemployed, than enter “unemployed”.

b. If a non-coal company employer is applicable, than enter name of employer; ex: P and G Gas Company.

c. If company information is unknown (ex: mine name, address, mine index no.), then leave blank.

5. Instructor/trainer fails to **print and sign** their name at the bottom of the form to verify that the training has been completed.

*The instructor/trainer must do both – **print and sign their name.***



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Application for Certification Examination

Applicants for certification must complete this form and submit a \$10.00 non-refundable fee for each exam. Type or print the information in ink and pay the fee with a certified check, cashier's check or money order made payable to the Treasurer of Virginia. Cash will be accepted if paid in person. Submit the application and fee to the Board of Coal Mining Examiners at least five working days prior to the date of examination.

1. Full Name Sam Jones S.S.# 200-46-2132

2. Address P.O. Box 300 Clintwood VA 24228
 Street or P.O. Box City State Zip Code

3. Date of Birth 12-24-50 Home Phone No. (276) 926-8541
 Month/Day/Year

4. Total years employed at a coal mine: 2
 Underground Surface

5. List your current (or most recent) mining experience

Company Name Dry Fork Mining, Mine No. 1

Address P.O. Box 60 Jenkins KY
 Street or P. O. Box City State

Job Title General Laborer From 01-01-01 To 01-01-03
 Month/Day/Year Month/Day/Year

6. Attach copies of the required documentation needed for each certification.

7. Examination Requested (Check One) *BCME Instructor check the courses you wish to teach

- | | | |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------|
| <input type="checkbox"/> Advanced first aid | <input type="checkbox"/> Automatic elevator operator | <input type="checkbox"/> Blaster endorsement-DMLR (no fee) |
| <input type="checkbox"/> Chief electrician (sur/UG or sur) | <input type="checkbox"/> Diesel engine mechanic instructor | <input type="checkbox"/> Dock foreman |
| <input type="checkbox"/> Electrical maintenance foreman (sur/UG or surface) | <input type="checkbox"/> First aid instructor | <input type="checkbox"/> First class mine foreman |
| <input checked="" type="checkbox"/> General coal miner (surf/strips and augers or surf/UG) | <input type="checkbox"/> First class shaft or slope foreman | <input checked="" type="checkbox"/> Gas detection qualification (no fee) |
| <input type="checkbox"/> Mine inspector | <input type="checkbox"/> Hoisting Engineer | <input type="checkbox"/> Instructor - BCME* |
| <input type="checkbox"/> Surface facilities foreman for shops, labs, and warehouses | <input type="checkbox"/> MSHA electrical reinstatement | <input type="checkbox"/> Preparation Plant Foreman |
| <input type="checkbox"/> Underground diesel engine mechanic | <input type="checkbox"/> Surface blaster | <input type="checkbox"/> Surface electrical repairman |
| | <input type="checkbox"/> Surface foreman | <input type="checkbox"/> Top person |
| | <input type="checkbox"/> Underground electrical repairman | <input type="checkbox"/> Underground shot firer |

I hereby certify that the above answers are true to the best of my knowledge and belief.

Signed Sam Jones Date 07-01-03



Board of Coal Mining Examiners
P.O. Drawer 900
Big Stone Gap, VA 24219
(276)523-8149

Verification of Training Completed for General Coal Miner Certification

Type or print this form in ink and submit it to the Board of Coal Mining Examiners with a \$10 processing fee in the form of a certified check, cashier's check, or money order made payable to the Treasurer of Virginia. Cash will be accepted if paid in person at a Division of Mines' (DM) office.

- 1. Full Name Sam Jones S.S.# 200-46-2132
- 2. Address P.O. Box 300 Clintwood VA 24228
Street or P.O. Box City State Zip Code
- 3. Home Phone No. (276) 926-8541 Date of Employment 01-01-01
- 4. Employer Company Name Dry Fork Mining Mine Name No. 1
Address P.O. Box 60 Jenkins KY 25132
Street or P.O. Box City State Zip Code
- 5. Job title/description of job duties General Laborer
- 6. I received training in first aid and Virginia's coal mining law and regulations on 07-01-03 or I have
attached a copy of my valid first aid card. Date or Dates

I hereby certify that the above answers are true to the best of my knowledge and belief.

Signed Sam Jones Date 07-01-03
Signature of applicant for certification

I hereby certify to the BCME that the training I provided to the applicant set forth above meets the requirements of Virginia Code §45.1-161.37 and the Virginia Administrative Code 4 VAC 25-20, and the applicant has satisfactorily demonstrated to me the required knowledge of first aid practices and the mine safety laws of Virginia.

Name printed and signed Joe Scott Joe Scott
Certified foreman or instructor approved by DM providing training

Cert. No. 55400

Name printed and signed when the applicant is hired _____
Mine operator employing applicant