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COAL HANDLING FACILITIES INITIAL PERMIT PACKET

(Preparation Plants, Loadouts, and River Docks)

Coal Handling Facilities have an "L" and then eight (8) numbers (i.e. L00001299).

Note: We do get an MR from DEP, but we change the number and assign these internally.

CHECKLIST FOR DMM-60S

CHECKLIST FOR DMM-60S

**STATE OF WEST VIRGINIA
OFFICE OF MINERS' HEALTH, SAFETY AND TRAINING
#7 Players Club Drive, Suite 2
Charleston, WV 25311-2126
PERMIT PRE-APPROVAL CHECK FOR DMM-60S PERMIT
COAL HANDLING FACILITIES**

3 COPIES IN REPORT COVER/BINDERS (1 ORIGINAL, 2 COPIES)

	DATE	COMMENTS
Completed DMM-60S Application	_____	_____
Completed General Information Form (current version)	_____	_____
Current Listing of Officers and Owners	_____	_____
Approved Permit or Reassignment from DEP	_____	_____
Division of Labor Approval (Wage Bond)	_____	_____
Worker's Compensation Coverage	_____	_____
Verify Registered with the Secretary of States Office	_____	_____
Verify the Company Is In Compliance with Unemployment	_____	_____
Initial Comprehensive Safety Program for Surface Mine DMM-72 Application/Waiver of Telephone or Communication Facilities "Back-Up" Communication System	_____	_____
DMM-73&74 Application/Permit for Ground Monitor System Waiver - A.C. & D.C.	_____	_____
Pre-inspection of site by WVOMHS&T	_____	_____
Initial Mine Map Checklist, 3 Mine Maps and a CD	_____	_____
Check Company against WVOMHS&T Permit Block List	_____	_____
Check Owners/Officers against WVOMHS&T Permit Block List	_____	_____

APPROVED BY: _____

DATE: _____

**DMM-60 Certificate of Approval
General Information Form
List of Owners and Officers**

**DMM 60 APPLICATION FORM
GENERAL INFORMATION FORM
LIST OF OWNERS & OFFICERS**

22A-3-35

Applicability and enforcement of laws safeguarding life and property; regulations authority of Office of Miner's Health, Safety and Training regarding enforcing safety laws.

All provisions of the mining laws of this state intended to safeguard life and property shall extend to all surface mining operations insofar as such laws are applicable thereto. The Director shall promulgate reasonable regulations in accordance with the provisions of chapter twenty-nine-a of this code to protect the safety of those employed in and around surface mines. The enforcement of all laws and regulations relating to the safety of those employed in and around surface mines is hereby vested in the Office of Miner's Health, Safety and Training and shall be enforced according to the provisions of chapter twenty-two-a of this code.

22A-2-63

No mine to be opened or reopened without prior approval of the director of the office of miners' health, safety and training; certificate of approval; approval fees; extension of certification of approval; certificates of approval not transferable; section to be printed on certificates.

(a) After the first day of July one thousand nine hundred seventy-one, no mine shall be opened or reopened unless prior approval has been obtained from the director of the Office of Miners' Health, Safety and Training, which approval shall not be unreasonably withheld. The operator shall pay for such approval a fee of one hundred dollars, which payment shall be tendered with the application for such approval: Provided, that mines producing coal solely for the operator's use shall be issued a permit without charge if coal production will be less than fifty tons a year.

Within thirty days after the first day of January of each year, the holder of such permit to open a mine shall apply for the extension of such permit for an additional year. Such permit, evidenced by a document issued by the director, shall be granted as a matter of right for a fee of one hundred dollars if, at the time such application is made, the permit holder is in compliance with the provisions section seventy-seven of this article and has paid or otherwise appealed all coal mine assessments issued to the mine if operated by the permit holder and imposed under article one-a, chapter twenty-two-a of this code. Applications for extension of such permits not submitted within the time required shall be processed as an application to open or reopen a mine and shall be accompanied by a fee of one hundred dollars.

(b) Permits issued pursuant to this section shall not be transferable.

(c) If the operator of a mine is not the permit holder as defined in subsection (a) above, then such operator must apply for and obtain a certificate of approval to operate the mine on which the permit is held prior to commencing operations. An operator who is not the permit holder operating such mine on the effective date of this section must apply for a certificate of approval on or before the first day of July one thousand nine hundred ninety-three. The operator shall pay a fee of one hundred dollars, which payment shall be tendered with the application for approval. Such approval, evidenced by a certificate issued by the director, shall be granted if, at the time such application is made, the applicant is in compliance with the provisions of section seventy-seven of this article and has paid or otherwise appealed all coal mine assessments imposed on such applicant for the certificate of approval under article one-a, chapter twenty-two-a of this code.

(d) In addition to the authority to file a petition for enforcement under subdivision (4), subsection (a), section nineteen, article one-a, chapter twenty-two-a of this code, if an operator holding a certificate of approval issued pursuant to subsection (c) of this section, against whom a civil penalty is assessed in accordance with section nineteen, article one-a, chapter twenty-two-a of this code, and implementing regulations, and which had become final, fails to pay the penalty within the time prescribed in such order, the director or the authorized representative of the director, by certified mail, return receipt requested, shall send a notice of such operator advising the operator of the unpaid penalty. If the penalty is not paid in full within sixty days from the issuance of the notice of delinquency by the director, then the director may revoke such operator's certificate of approval; Provided, that such operator to whom the delinquency notice is issued shall have thirty days from the receipt thereof to request, by certified mail, return receipt requested, a public hearing held in accordance with the procedures of section fifteen, article one-a, chapter twenty-two-a of this code, and implementing regulations, including application for temporary relief. Once such operator's certificate of approval is revoked pursuant to this subsection, such operator shall be prohibited from obtaining any certificate of approval under the provisions of this section to operate any other mine until such time as that operator pays the delinquent penalties that have become final.

(e) Every firm, corporation, partnership or individual that contracts to perform services or construction at a coal mine shall be deemed to be an operator and beginning the first day of January, one thousand nine hundred ninety-five, must apply for and obtain a certificate of approval prior to commencing operations: Provided, that such persons shall only be required to obtain one certificate annually: Provided, however, that persons such as, but not limited to, consultants, mine vendors, office equipment suppliers, and maintenance and delivery personnel are excluded from this requirement. Any such operator shall pay a fee of one hundred dollars, which shall be tendered with the application for approval. Such approval, evidenced by a certificate issued by the director, shall be granted if, at the time such application is made, applicant has paid or otherwise appealed all coal mine assessments imposed on such applicant under article one-a, chapter twenty-two-a, of this code.

Within thirty days after the first day of January of each year, the holder of such certification of approval shall apply for the extension of such approval for an additional year. Applications for extension must be accompanied by a fee of one hundred dollars. An extension shall be granted if, at the time such application is made, the applicant has paid or otherwise appealed all coal mine assessments imposed on such applicant under article one-a, chapter twenty-two-a of this code. All delinquent assessments which have been imposed upon a certificate of approval holder or applicants under this section shall not be imposed upon any permit holder or certificate of approval holder or applicants under this section shall not be imposed upon any permit holder or certificate of approval holder or any applicant pursuant to subsection (a) or (c) of section sixty-three.

(f) The provisions of this section shall be printed on the reverse side of every permit issued under subsection (a) and certificate of approval issued under subsection (b) herein.

(g) The district mine inspector shall be contacted for a pre-inspection of the area proposed for underground mining prior to the issuance of any new opening approval.

West Virginia Office of Miners' Health Safety & Training

GENERAL INFORMATION FORM

Region: _____

Select Type of Operation (select only one)

- UNDERGROUND COAL MINE
 SURFACE COAL MINE
 COAL HANDLING FACILITY
 QUARRY

The Parent Company is a corporation that has a controlling interest in the Operating Company below. If there isn't a parent company, please enter "N/A"

Corporate/Parent Company Information

Corporate/Parent Company:

Address:

PO Box/Street

City

State

Zip Code

Phone Number:

Operating Company Information

Operating Company Name:

DBA:

Mine/Facility Name:

WV Permit No.:

MSHA ID No.:

FEIN No.:

Address:

PO Box/Street

City

State

Zip Code

Company Phone:

Name of Company Contact/Representative:

Title:

Phone:

Best E-Mail Address for Receiving Information and Correspondence:

Is this company registered, active, and valid with the Secretary of State to conduct business in WV: Y N

Is this company in compliance with Unemployment Compensation: Y N

Does this company have valid Workers' Compensation: Y N

Worker's Comp. Policy No.:

Workers' Comp. Policy Start Date:

Policy End Date:

Mine/Facility Information

911 Physical Address:

City:

State:

Zip:

Latitude:

Longitude:

Quadrangle:

Location:

No. of Shifts:

Working Status:

County(s):

No. of Employees:

Mine/Facility Phone:

Dispatch/Emergency Phone:

Superintendent:

Phone:

Foreman:

Phone:

Foreman Cert#:

Foreman Email:

In-house training: Y N

Certified Person Responsible for Training or Safety:

Phone:

Email Address for Safety Department Contact:

Miners' Representative (if applicable):

Phone:

Incomplete GI Forms will not be accepted or processed; they will be returned as incomplete

Assessment Contact Officer and Assessment Mailing Address

Name: _____ Title: _____ Phone: _____

Address: _____
PO Box/Street _____ City _____ State _____ Zip Code _____

Email Address: _____

Underground and Surface Coal Mine Applicants must complete the following section:

Name of Reclamation Permit Holder: _____ DMM60-B: Y N

If you are a production contractor (DMM60-B) you must **Provide Name of Company and Permit Number of the DMM60 Permit Holder:**

Permit Holder Only, Not Mining: Y N

Seam(s) Being Mined: _____ Thickness: _____ No. of Acres: _____

Every operation is responsible for reporting their manhours and tonnage they produce
Host Permits will not report 60B's tonnage
If you are in an Inactive Status, you must report your manhours even if there isn't any tonnage to report
If you are Approved Inactive, you do not report tonnage or manhours. This means there isn't any work being done
Host Permits that are permit holders only and are not mining are not responsible for reporting tonnage or manhours

Underground Coal Mine Applicants must complete the following section:

Mine Type: Shaft: Slope: Drift or Combination: Number of MMU's: _____

Mining Direction: Advance: Retreat: Both:

Roof bolt – Type and Size: _____ Inside Haulage Type: _____

Mine Rescue Services provided by (required by 22-1A-33): _____

Surface Coal Mine Applicants must complete the following section:

Operation Type: Contour: Open Pit: Mt. Top Removal: Auger: Highwall: Other:

Does this Operation Use High Voltage Electrical Equipment: Y N

Coal Handling Facility Applicants must complete the following section:

Facility Type: Loadout: Tipple: Prep Plant: Cleaning Plant: River Dock: Other:

Type of Haulage into facility: _____

Type of Haulage out of facility: _____

DEP Permit O#:

Operating Days: _____ Employee Hours Worked Per Month: _____

Quarry Applicants must complete the following section:

Mineral(s) Produced: _____ Geological Formation: _____

Print Name _____ Title: _____

Date: _____

Signature (must be an owner, partner, LLC member, corporate officer, or Power of Attorney)

West Virginia Office of Miners' Health Safety & Training

OWNERS – OFFICERS FORM

WV PERMIT NO.: _____

In accordance with the Federal Privacy Act, 5 USC 552a, and 1974 addendum Public Law 93-579 7(b), please **provide the names, titles and social security numbers of every officer, partner, resident agent, director, or person performing a function similar to a director, together with the names and titles of any person owning of record ten percent (10%) or more of any class of voting stock of the applicant** (use attachments as necessary). **PLEASE NOTE: WE NOW ASK FOR THE LAST FOUR (4) DIGITS OF SOCIAL SECURITY NUMBERS. THIS INFORMATION IS REQUIRED FOR IDENTIFICATION PURPOSES FOR OUR PERMIT ISSUANCE SYSTEM. THIS INFORMATION IS REQUIRED. INCOMPLETE GI FORMS WILL NOT BE ACCEPTED OR PROCESSED; THEY WILL BE RETURNED AS INCOMPLETE.**

AGENT *(a person who acts on behalf of another person or group)*

Name:		Last four digits of SSN: XXX-XX-			
Address:					
PO Box/Street		City		State	Zip «ÿj
Telephone No.:			Email Address:		

OWNERS / OFFICERS

*Must Provide Legal Name
Of Individual or Company*

*Must Provide
Last 4 Digits of SSN and Title*

*Must provide
End Date showing
when the
Owner/Officers
affiliation ended*

	First Name	MI	Last Name	Last Four Digits of SSN	Title	Start Date	End Date
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

(If additional owners/officers are to be listed, use additional sheet(s)).

Do Not Write Below This Line

Miners' Health, Safety and Training use only:

Company ID _____

File Updated _____

Incomplete _____

REGION I
WV MHST
14 COMMERCE DRIVE, SUITE 1
WESTOVER, WV 26501
(304) 285-3268

REGION II
WV MHST
830 VIRGINIA AVENUE
WELCH, WV 24801
(304) 436-8421

REGION III
WV MHST
431 RUNNING RIGHT WAY
JULIAN, WV 25529
(304) 369-7823

REGION IV
WV MHST
3370 INDUSTRIAL DRIVE
OAK HILL, WV 25901
(304) 469-8100

APPROVED PERMIT OR REASSIGNMENT FROM DEP
LABOR COMPLIANCE
WORKERS COMPENSATION COMPLIANCE
REGISTERED WITH SECRETARY OF STATE
UNEMPLOYMENT COMPENSATION COMPLIANCE

**APPROVED PERMIT OR REASSIGNMENT FROM DEP
DIVISION OF LABOR COMPLIANCE
WORKERS COMPENSATION COMPLIANCE
REGISTERED WITH THE SECRETARY OF STATE
UNEMPLOYMENT COMPENSATION COMPLIANCE**

STATE OF WEST VIRGINIA

Department of Environmental Protection

PERMIT TRANSFER



PERMIT NUMBER [REDACTED]

NPDES NUMBER [REDACTED]

Issue Date [REDACTED]

Expiration Date [REDACTED]

PERMIT

TO CONDUCT QUARRYING

Issued To: [REDACTED]

Previously Issued To: [REDACTED]

County [REDACTED]

Nearest Post Office [REDACTED]

Limited To [REDACTED]

Acres [REDACTED]

Pursuant to Article 4, Chapter 22 of the Code of West Virginia, a PERMIT is hereby granted to the above named permittee to engage in Quarry activities in the state of West Virginia. As a condition of this permit, all surface mining and reclamation operations shall be conducted as described in and in compliance with the complete application and only on those lands specifically designated on the map(s) submitted. All operations shall be conducted in condition or of noncompliance with any term or condition of the permit, warn any person whose health and safety is in imminent danger and the permittee shall immediately commence implementation of measures necessary to comply and shall also accelerate or provide the additional monitoring necessary to determine the nature and extent of such noncompliance.

The following are special terms and conditions of this permit: 1) The permittee shall notify the inspector five (5) days prior to beginning of operations unless operations begin within five (5) days of permit issuance; 2) The permittee shall obtain a NPDES (402)* Permit prior to initiation of mining activities; the NPDES Permit must be maintained through final release of this permit; 3) No Instream work or filling activities can commence in waters of the U. S. until 404* Authorization is granted by the U. S. Army Corps of Engineers and its associated State (401)* Water Quality Certification is made.

(*Note: 401, 402 and 404 refer to applicable Sections of the Clean Water Act)

A copy of this PERMIT and the complete approved application upon which it is based shall be kept at the site of operations at all times.

SECRETARY, Department of Environmental Protection [REDACTED]

DATE [REDACTED]

By: DEP Authorized Representative [REDACTED]

State of West Virginia
Office of Miners' Health, Safety & Training

LABOR BOND APPROVAL
WageandHour@wv.gov

THIS FORM IS TO BE FORWARDED TO THE WEST VIRGINIA DIVISION OF LABOR AT THE ADDRESS LISTED BELOW:

West Virginia Division of Labor
Labor Standard Section
1900 Kanawha Blvd
Bldg. 3, Room 200 Capitol Complex
Charleston, WV 25305

DOL EMPLOYEES:
WV PERMIT:
MSHA ID:
() DMM-60
() DMM-60B
() DMM-60S

MINERS' HEALTH, SAFETY & TRAINING
REGIONAL OFFICE ADDRESS:

Regional office address lines

PHONE:
FAX:

ATTENTION:

COMPANY NAME:
COMPANY ADDRESS:

MINE:
COUNTY:
COMPANY OFFICERS:
Post Office City State Zip
Latitude: Longitude:
DISTRICT: NEAREST P.O.:
Name Title

WV DIVISION OF LABOR RESPONSE

In accordance with West Virginia Code Section 21-5-14 and 22A-3-8, we have reviewed our files and find this company to be:

- () IN COMPLIANCE
1. () Operated +1 Year
2. () Sufficient Wage Bond
3. () No Employees (To be Contracted)
() NOT IN COMPLIANCE
1. ()
2. ()
3. ()
() Bond expiration date:
() Bond Automatically Renewable

COMMENTS:

Date:

(Signature)

PLEASE RETURN RESPONSE TO THE MHST OFFICE CITED ABOVE

Verification of Workers Compensation

Go to the NCCI Website to print verification

The screenshot shows the NCCI website's search interface for a Proof of Coverage Inquiry. At the top left is the NCCI logo and the text "Proof of Coverage Inquiry". To the right is a search bar containing "Search ncci.com" and a magnifying glass icon. Below the search bar are links for "Contact Us", "Log Out", and "My Profile". A navigation bar contains "Search", "Reports", "Carrier Information", and "About". The "Search" section is active, showing a "Show me how" link and the state "West Virginia". Below this is a search form with tabs for "Employer", "FEIN", "Address", "Primary Insured", and "Policy Number". The "Employer" tab is selected. The form includes an "Employer Name" field with a dropdown arrow, a "Coverage Date" field with a calendar icon, a "City" field, and a "Zip Code" field. There are radio buttons for "Contains" (selected) and "Starts With". At the bottom of the form are "Search" and "Clear Search" buttons.



Business & Licensing

Business Organization Search

SEARCH TIPS: If you have trouble finding a business, try the following:

1. Enter one or more key words in the business name
2. Use the % symbol for a wild card search.
Example: searching for Fraternal Order Eagles 1234 ABCD, Inc.
%Fraternal%1234%
3. The search results will include what are commonly referred to as a fictitious business names in the results, if they have been registered with the State Tax Department.

Organization	<input type="text"/>
Agent/Officer/Name	<input type="text"/>
Show Advanced Search Options	<input type="button" value="Search"/> <input type="button" value="Reset"/>

[Back To Top](#)

**NOTICE: The West Virginia Secretary of State's Office makes every reasonable effort to ensure the accuracy of information. However, we make no representation or warranty as to the correctness or completeness of the information.*



UC Defaulted Accounts

The information contained in this file is updated daily from the West Virginia Unemployment Compensation Tax System.

If there are any questions about information in the file, please call
304-558-2451 (Monday-Friday 8:00-4:30) - Unemployment Compensation

The file was last updated on DECEMBER 02, 2023

FEIN:

Business name:

Doing business as/Trading as:

**DMM-72 APPLICATION/WAIVER OF
TELEPHONE OR COMMUNICATION
FACILITIES "BACK-UP"
COMMUNICATION SYSTEM**

DMM-72
Application/Waiver of
Telephone or Communication

**~ ! ! 2 ° \$\$\$Ł ° (E#" /WAIVER
OF TELEPHONE OR
COMMUNICATION FACILITIES
"BACK-UP"
COMMUNICTAION SYSTEM**



DMM-72

APPROVED BY: _____

PERMIT NO.: _____

APPROVAL DATE: _____

STATE OF WEST VIRGINIA
OFFICE OF MINERS' HEALTH, SAFETY & TRAINING
 7 Players Club Drive, Suite 2
 Charleston, West Virginia 25311-1626
minesafety.wv.gov

**APPLICATION/WAIVER OF TELEPHONE OR COMMUNICATION
 FACILITIES "BACK-UP" COMMUNICATION SYSTEM 22A-2-42(C)**

1. Company: _____

Address: _____

Street or PO Box	City	State	Zip
------------------	------	-------	-----

2. Mine Name or Number: _____

3. Location of Operation: _____

County	District	Nearest Post Office
--------	----------	---------------------

I hereby request a waiver from the Director of the West Virginia Office of Miners' Health, Safety & Training to permit the use of a Back-up System of Communication in the event the primary communication system malfunctions.

Explain in detail the Back-up Communication System and procedures, which will be followed if such communication waiver request is approved:

Signature and Title of Mine Official

Note: This waiver is issued subject to the conditions and limitations outlined on the reverse side.

This waiver is issued in accordance with Chapter 22A, Article 2, Section 42(c), Coal Mine Safety Laws of the State of West Virginia.

**DMM-73 & 74 APPLICATION/PERMIT
FOR GROUND MONITOR SYSTEM
WAIVER - A.C. & D.C.**

**DMM-73 & 74 APPLICATOIN/PERMIT FOR
GROUND MONITOR SYSTEM WAIVER -
A.C. & D.C.**



DMM-73 & 74

APPROVAL: _____

ELECTRICAL INSPECTOR

PERMIT NO.: _____

DIRECTOR OR AUTHORIZED REPRESENTATIVE

DATE

**STATE OF WEST VIRGINIA
OFFICE OF MINERS' HEALTH, SAFETY & TRAINING**
minesafety.wv.gov

APPLICATION/PERMIT FOR GROUND MONITOR SYSTEM WAIVER - A.C. & D.C.

1. Company: _____

Address: _____
Street or PO Box City State Zip

2. Mine Name or Number: _____

3. Location of Operation: _____

County District Nearest Post Office

4. Name and Thickness of Coal Seam: _____ Inches

I. I am indicating by checking the blocks, the exact methods to be used at this mine which will enable us to achieve compliance with previously issued guidelines of January 3, 1979, (attached to this form) for Waiver of Ground Monitor System, in lieu of Chapter 22A, Article 2, Section 40 (43).

II. _____-Portable and Mobile Three-Phase Equipment

III. Stationary Three-Phase Equipment:
A. (1) _____ A. (2) _____ A. (3) _____ A. (4) _____

B. (1) _____ B. (2) _____ B. (3) _____

IV. _____-Portable, Mobile, and Stationary Single-Phase Equipment

V. _____-Portable, Mobile, and Stationary D.C. Equipment

VI. _____-Preparation Plants

Signature and Title of Mine Official

Note: This waiver is issued subject to the conditions and limitations outlined on the next page.

CONDITIONS AND LIMITATIONS

This waiver is issued in accordance with Chapter 22A, Article 2, Section 40(43), Coal Mine Safety Laws of the State of West Virginia.

A WAIVER REQUEST IS APPROVED to cover underground electrical equipment and to cover electrical equipment at preparation plants and surface facilities where it is not feasible to monitor.

All specific provisions indicated on the attached application form (within the guidelines of January 3, 1979) submitted for such waiver, shall be complied with.

A copy of this approved waiver shall be posted and maintained on the mine bulletin board.

This waiver is non-transferable and may be modified or terminated if an inspection or investigation reveals that the safety of persons in or around the mine is endangered.

STATE OF WEST VIRGINIA
OFFICE OF MINERS' HEALTH, SAFETY AND TRAINING

GUIDELINES FOR GROUND MONITOR SYSTEM WAIVER – A.C. AND D.C.
In Lieu of Chapter 22A, Article 2, Section 40(43)
Title 56, Series 3, Section 37.7(c)

CHAPTER 22A, ARTICLE 2, SECTION 40(43) PROVIDES:

Except where waived by the Director, metallic frames, casings, and other enclosures of electric equipment that can become alive through failure of insulation or by contact with energized parts shall be grounded, and on or before the first day of January, one thousand nine hundred and seventy-eight, shall have a ground monitoring system.

The following guidelines shall govern waiver of the grounding and ground monitoring requirements by the Director.

I. DEFINITIONS --

“Low-Resistance Ground Field” means constructed of electrodes, buried metallic piping system, metal framework of a building, well or borehole casing, steel piling or other buried metallic materials having a total resistance to ground of not more than 5 ohms. Low-resistance ground fields shall be measured at the time of installation and at least annually thereafter to insure that a sufficiently low resistance to ground has been achieved and is being maintained. The results of such measurements shall be recorded and made available to an authorized representative of the Office of Miners' Health, Safety and Training.

“Ground-Fault Indicator” means a device to provide ground-fault indication for an underground circuit. Ground-fault indicators shall be adjusted to give a visual indication when the line-to-ground voltage on any power conductor decreases to less than 30 percent of the nominal system voltage for a circuit supplied power from a three-phase system, or less than 50 percent of the nominal voltage for a circuit supplied power from a single-phase system.

“Ground-Check Circuit” means a device to insure a safe, dependable path for fault current which will cause the circuit breaker to open:

- (a) If a ground-check conductor is used, when the ground-check conductor is broken; or
- (b) If no ground-check conductor is used, when the ground wire is broken at any point in the grounding circuit.

However, where low-resistance parallel paths for fault current and monitoring current are present, the ground-check circuit will be acceptable if it is designed to open the circuit breaker when the impedance of the ground circuit increases beyond the amount necessary to cause a 40-volt drop in the grounding circuit external to the grounding resistor under fault conditions in low and medium voltage circuits or a 100 volt drop in the grounding circuit external to the grounding resistor under fault conditions in high-voltage circuits.

II. PORTABLE AND MOBILE THREE-PHASE EQUIPMENT --

All three-phase circuits extending to low, medium, and high-voltage portable and mobile equipment shall be provided with a ground-check circuit for the grounding conductor pursuant to Chapter 22A, Article 2, Section 40, Subsections (61) and (73).

III. STATIONARY THREE-PHASE EQUIPMENT –

All stationary three-phase equipment shall comply with the provisions of Chapter 22A, Article 2, Section 40(43) unless a waiver is granted by the Director of the Office of Miners' Health, Safety and Training. A waiver will be granted on a mine-by-mine basis upon application to the Director if one of the following methods is used:

A. UNGROUNDING SYSTEMS

1. Low, Medium, and High-Voltage Circuits

A grounding conductor one-half the size of the power conductors shall originate from a low-resistance ground field at the power source. Such grounding conductor shall be connected to the metallic frames and enclosures of the power source and shall extend along with the power conductors as a grounding circuit for the metallic frames and other metallic enclosures of all stationary equipment receiving power from the system. The grounding conductor shall also be connected to a low-resistance ground field(s) at the service equipment for buildings and other stationary installations. Such circuits shall be provided with a ground-fault indicator located at a location monitored by a competent person, and a ground-fault shall not be allowed to exist for more than 24 hours.

2. High-Voltage Circuits

When earth is used a grounding conductor for the metal frames and enclosures of stationary equipment, the interrupting time of the circuit breaker or fuses and the design of the ground grid shall be in accordance with the Institute of Electrical and Electronics Engineers (IEEE), No. 80-1972, "Guide for Safety in Alternating Current Substation Grounding." A professional engineer shall certify that the ground grids and circuit protection are installed in accordance with said standard.

3. High-Voltage Circuits

Circuits being supplied power from an ungrounded system shall be protected by a circuit breaker equipped with a device to provide ground-fault protection when one phase becomes grounded. The device shall cause the circuit breaker to trip when the line-to-ground voltage of any power conductor decreases to less than 30 percent of the nominal system voltage for a circuit supplied power from a three-phase system. Low-resistance ground fields shall be installed and maintained at the source transformers and service equipment installations. The ground fields shall have sufficiently low impedance to facilitate opening the circuit breaker under fault conditions. The grounding conductors, metal frames and enclosures of the source transformers, and service and utilization equipment shall be connected to the respective ground field.

4. Low Medium, and High-Voltage Circuits

Systems shall be installed in accordance with the recommendations set forth in the National Electrical Code which is in effect at the time of installation. Existing systems installed according to the "1968" dated National Electrical Code may also be accepted. The Director of the Office of Miners' Health, Safety and Training shall have jurisdiction over the enforcement of the Code and will have responsibility for making interpretation of its rule.

B. GROUNDING SYSTEMS

1. Low Medium and High-Voltage Circuits

Equipment receiving power from a grounded power system shall be protected by a circuit breaker equipped with devices to provide ground-fault tripping for the circuit. Low-resistance ground field shall be installed at the source transformers and each service equipment installation. A grounding conductor shall originate from the ground field at the source transformers and serve as the grounding circuit for the metal frames and enclosures of all equipment receiving power from the circuit. The grounding conductor shall also be connected to a low-resistance ground field at each service equipment installation.

2. Low Medium and High-Voltage Circuits

Systems shall be installed in accordance with the recommendations set forth in the National Electrical Code which is in effect at the time of installation. Existing systems installed according to the "1968" dated National Electrical Code may be accepted. The Director of the Office of Miners' Health, Safety and Training shall have jurisdiction over enforcement of the Code and will have responsibility for making interpretations of its rules.

3. High-Voltage Circuits

When the earth is used a grounding conductor for the metal frames and enclosures of stationary equipment, the interrupting time of the circuit breaker or fuses and the design of the ground grid shall be in accordance with the Institute of Electrical and Electronics Engineers (IEEE), No. 80-1971 "Guide for Safety in Alternating Current Substation Grounding." A professional engineer shall certify that the ground grids and circuit protection are installed in accordance with said standards.

IV. PORTABLE, MOBILE, AND STATIONARY SINGLE-PHASE EQUIPMENT –

All portable, mobile, and stationary single-phase equipment shall comply with the provision of Chapter 22A, Article 2, Section 40(43), unless a waiver is granted by the Director of the Office of Miners' Health, Safety and Training. A waiver will be granted upon application thereof which sets forth a positive program that will assure continuity of the grounding circuit. Criteria for acceptance shall be as follows:

1. Double Grounding (separate connections);
2. UL Approved Double Insulated;
3. GFCI (Ground Fault Circuit-Interrupter);
4. Compliance with National Electrical Code in effect at time of installation; or
5. Any Other No Less Effective Approved Method.

V. PORTABLE, MOBILE, AND STATIONARY D.C. EQUIPMENT –

Temporary waivers will be granted for monitoring D.C. Ground Circuits upon request by a mine operator until effective systems for conducting such monitoring have been developed and are commercially available.

VI. PREPARATION PLANTS –

Where not already provided for above, in preparation plants, shops, and other metal structure installations, the metal frames and enclosures of electric equipment shall have two separate grounding connections to the ground medium (Double-Grounded). In addition, where flexible conduit is used as part of the ground circuit, shunts shall be installed to bridge the flexible conduit.

§36-1-4. Information To Be Filed By Company Performing Construction Work; Notices, Orders, and Decisions Received By Company Agent; Principal Officer in Charge; Permits To Be Obtained By Company Performing Construction Work.

4.1. Prior to beginning work in a shaft and/or slope, the company performing such construction work shall file with the Director, the name and address of the company performing the shaft and/or slope construction work.

4.2. Prior to beginning work in the shaft and/or slope after the permit approval has been obtained by the coal mine operator, the company performing such construction in a shaft and/or slope shall file with the Director, the name and address of the person who controls or operates the shaft and/or slope. Any revisions in such names and address shall be promptly filed with the Director. Each operator of a shaft and/or slope shall designate a responsible official at such shaft and/or slope as the principal officer in charge of health and safety at such shaft and/or slope and such official shall receive a copy of any notice, order, or decision issued under these rules and regulations affecting such shaft and/or slope. In any case where the shaft and/or slope is subject to the control of any person not directly involved in the daily operations of the shaft and/or slope there shall be filed with the Director the name and address of such person and the name and address of a principal official of such person who shall have overall responsibility for the conduct of an effective health and safety program at any shaft and/or slope subject to the control of such person and such official shall receive a copy of any notice, order, or decisions issued affecting any such shaft and/or slope. The mere designation of a health and safety official under these rules and regulations shall not be construed as making such official subject to any penalty under the West Virginia Code.

4.3. The following permit approvals shall be obtained from the Director by the company performing construction work in a shaft and/or slope before such work is started:

4.3.1. Stop the ventilation fan.

4.3.2. Stop the ventilating fan when men are in shafts and/or slopes.

4.3.3. Use electrical machinery in shafts and/or slopes.

4.3.4. Use electrical lights in shaft and/or slopes.

4.3.5. Multiple shoot⁵ coal or rock in a shaft and/or slope.

4.3.6. Use or store any non-permissible explosives or non-permissible blasting devices at a shaft and/or slope.

4.3.7. Hoist more than four (4) men at one time in buckets or cars in a shaft and/or slope.

4.3.8. Use welder, torches, and like equipment in a shaft and/or slope.

PRE-SITE INSPECTION

PRE-SITE INSPECTION



State of West Virginia

WV Office of Miners' Health, Safety & Training
#7 Players Club Drive, Suite 2 • Charleston, West Virginia • 25311
Telephone 304-558-1425 • Fax 304-558-1282
minesafety.wv.gov

Date: _____

This is to certify that I have visited and made a personal inspection of the proposed location for a mine opening requested by:

Company: _____

Mine: _____

Permit Number: _____

I recommend that this request be honored and an approval be issued by the Office of Miners' Health, Safety and Training.

- Highwall [] Augered [] Slope [] Shaft [] Drift []
Highwall Miner [] Other []

Mine Inspector and Number

Inspector-at-Large

One copy of this certification, signed by the Mine Inspector or the Inspector-at-Large, must be attached to the request for a mine opening approval.

INITIAL MINE MAP CHECKLIST

CHECKLIST FOR INITIAL MINE MAP

WEST VIRGINIA OFFICE OF MINERS' HEALTH, SAFETY & TRAINING

Instructions: CHECKLIST FOR INITIAL MAP AND SEMI-ANNUAL MAP SUBMITTALS

Instructions for Engineers:

- 1) The attached checklist is to accompany all INITIAL MAPS and SEMI-ANNUAL MAPS submitted to this agency for review and archiving.
- 2) The checklist is intended as an aid to you and to the agency to ensure that in this age of layered computer drawings that all required map elements are present and accounted for. It is also intended to set some additional standards and clarify expectations of what the inspectors will be looking for in your maps.
- 3) The certifying engineer shall be responsible for the accuracy and completeness of this checklist, and shall acknowledge the same with his/her signature at the bottom.
- 4) Most of the checklist items are requirements whose wordings are taken verbatim from the regulations. A few, like item 28, are generally used in good practice but not universally so. Because of the various datums and coordinate systems in use today it is necessary to specify details concerning which system is used for your particular mine. It may be common knowledge to you, but perhaps not to the rest of the world now and forever.
- 5) Maps will not be accepted as complete until accompanied by a complete, signed, and dated checklist. If there are extenuating circumstances which render a particular item "not applicable" please provide justification on a separate sheet attached to the checklist.
- 6) One (1) current digital file on CD is required at the time of submission of the checklist and paper maps (preferably in .dwg format), unless the mine map was exclusively hand-drafted.
- 7) **NOTE: Effective January 1, 2014 the checklists for INITIAL MAPS, SEMI-ANNUAL MAPS, and FINAL MAPS have been revised.**

Instructions for Inspectors:

- 1) **INITIAL** MAPS or SEMI-ANNUAL MAPS may not be accepted without a current digital file (CD) and a completed checklist signed and dated by the certifying engineer.
- 2) Only one copy of the CD is needed. Please forward all CD's of INITIAL MAPS and SEMI-ANNUAL MAPS to the Oak Hill Office, attention Chief Engineer. Paper maps or checklist copies of INITIAL MAPS and SEMI-ANNUAL MAPS do not need to be sent at this time.
- 3) In instances where a checklist item is deemed "not applicable" by the certifying engineer you may use your own discretion, consult with your Inspector at Large, or contact one of the engineers in Oak Hill.
- 4) Please verify each checklist item. When you are satisfied that the checklist is complete, please sign and date in the space provided at the bottom of the form and file the checklist with your map office copy.

WEST VIRGINIA OFFICE OF MINERS' HEALTH, SAFETY & TRAINING

CHECKLIST FOR INITIAL AND SEMI-ANNUAL MINE MAP APPROVAL

22A-2-1. The operator of every underground coal mine shall make, or cause to be made, an accurate map of such mine, on a scale of not less than one hundred, and not more than five hundred feet to the inch.

Company / Mine Name: _____

State ID: _____ MSHA ID: _____ Date: _____

Verify with your "check mark" that the following map elements are clearly shown on your map:

- (1) Name and address of the mine;
- (2) The scale and orientation (e.g. north arrow) of the map;
- (3) The property or boundary lines of the mine;
- (4) The shafts, slopes, drifts, tunnels, entries, rooms, crosscuts and all other excavations and auger and strip mined areas of the coalbed being mined;
- (5) All drill holes that penetrate the coalbed being mined;
- (6) Name of the coalbed;
- (7) Dip of the coalbed;
- (8) The outcrop of the coalbed within the bounds of the property assigned to the mine;
- (9) The elevations of tops and bottoms of shafts and slopes, and the floor at the entrance to drift and tunnel openings;
- (10) The elevation of the floor at intervals of not more than two hundred feet in;
 - (a) At least one entry of each working section, and main and cross entries;
 - (b) The last line of open crosscuts of each working section, and main and cross sections before such sections and main and cross entries are abandoned;
 - (c) Rooms advancing toward or adjacent to property or boundary lines or adjacent mines;

NOTE: The distance between surveyed elevations must not exceed 200 feet in (a), (b), or (c). Using digital submittal (CD) to supply this information is satisfactory if map scale is $> 1''=200'$.

- (11) Contour lines passing through whole number elevations of the coalbed being mined, the spacing of such lines not to exceed ten-foot contour intervals, except that a broader spacing of contour lines may be approved for steeply pitching coalbeds by the person authorized so to do under the federal act; and contour lines may be placed on overlays or tracings attached to mine maps;
- (12) As far as practicable the outline of existing and extracted pillars;
NOTE: Clearly show which sections of the mine were not mapped by physical survey, but were sketched in, and what information was used for their depiction.
- (13) Entries and air courses with the direction of air flow indicated by arrows;
- (14) The location of all surface mine ventilation fans, which location may be designated on the mine map by symbols;
- (15) Escapeways;
- (16) The known underground workings in the same coalbed on the adjoining properties within one thousand feet of such working and projections;
- (17) The location of any body of water dammed in the mine or held back in any portion of the mine, but such bodies of water may be shown on overlays or tracings attached to the mine maps used to show contour lines as provided under section 22A-2-1(10);
- (18) The elevation of any body of water dammed in the mine or held back in any portion of the mine;
- (19) The abandoned portion or portions of the mine that are permanently sealed from mine ventilation;
- (20) The location and description of at least two permanent base line points coordinated with the underground and surface mine traverses, and the location and description of at least two permanent elevation bench marks used in connection with establishing or referencing mine elevation surveys;
- (21) Mines above or below;
- (22) Water pools above;
- (23) The location of the principal streams and bodies of water on the surface

NOTE: Show any standing bodies of water, perennial, and intermittent streams.

- (24) Either producing or abandoned oil and gas wells located within five hundred feet of such mine and any underground area of such mine;
- (25) The location of all high pressure pipelines, high voltage power lines and principal roads;
- (26) The location of railroad tracks and public highways leading to the mine, and mine buildings of a permanent nature with identifying names shown;
- (27) Where the overburden is less than one hundred feet, occupied dwellings; and
- (28) Such other information as may be required under the federal act or by the Office of Miners' Health, Safety and Training, including the following:
 - a. Coordinate grid lines in at least one of the following formats:
 - 1. State Plan Coordinate System (SPCS) NAD 27
 - 2. State Plan Coordinate System (SPCS) NAD 83
 - 3. Local mine coordinate system clearly visible.

If a local coordinate system is used show LAT / LONG tick marks to at least the nearest second at each of the four (4) corners of each sheet of the mine map, with the spacing between tick marks not to exceed 34".

- b. Meridian information (NAD, Zone--see attached map for Zone designation)
- c. All map features and information required above shall be of sufficient line wt. and text size to be clearly legible for archiving by camera and by scanning.

NOTE: If thin line weights must be used, avoid pastel colors or colors like cyan or yellow.

- d. **General Location Map index** insert showing LAT/ LONG of mine portal(s), **County, and USGS quadrangle sheet name.**
- e. State ID# clearly shown on map.
- f. MSHA ID# clearly shown on map.
- g. "Opening", "6-month", or "Annual map" stated on map.
- h. Map certified by RPE or PS(U) licensed in West Virginia

- i. Date to which extent of mining is certified to be “current”
- j. Map shows date of latest depicted mining and all mining done to that date.
- k. Has there ever been a “FINAL MAP” submitted for this mine as a result of a prior company or operator closure and/or re-assignment.

No

Yes Company Name _____

Date(s) _____

Reason _____

Has there been any production since previous “FINAL MAP”.

Yes No

l. Submittal information (both required):

Hardcopy Computer disk

m. Proposed final mine seals are properly shown as either “wet” or “dry”

n. Map bar scale is included

o. Map is at a scale of 1”=100’ or 1”= 200’, unless extent of workings make the map size impractical (more than 4 E-size sheets). NOTE: It is recognized that Chapter 22A-2-1 allows 1”=500’.

p. Include a separate .DWG AutoCAD file detailing only the perimeter (footprint) of the mine, which should include all parts of the full mine.

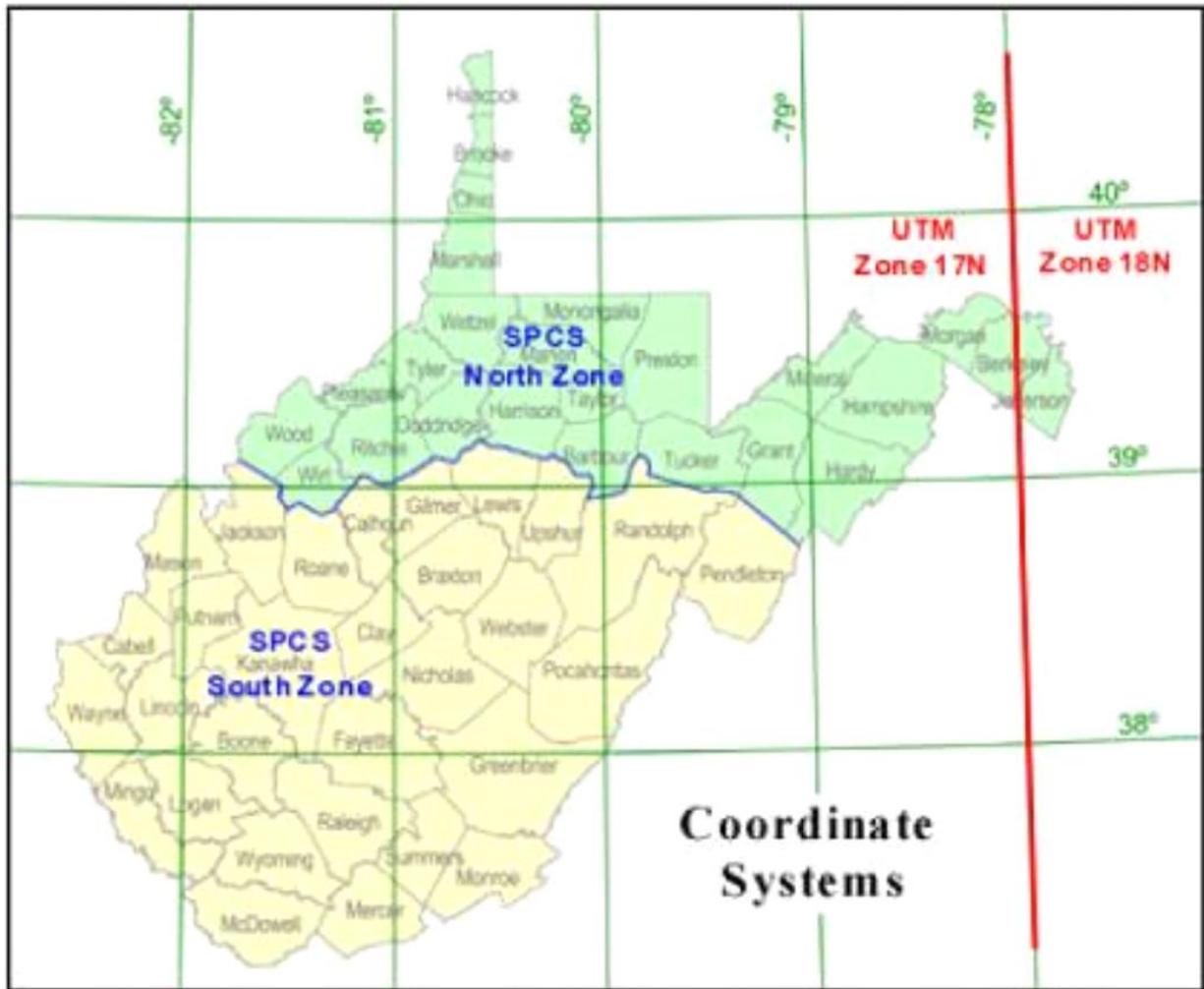
(29) Engineer sign off 1 _____ Date: _____

(30) Inspector sign off 2 _____ Date: _____

¹This is so we know who completed the checklist. This is not a re-certification of the certified mine map being submitted.

²This is the inspector at the Regional Office who has compared the signed checklist and map for completeness.

1991. West Virginia Association of Land Surveyors.
"West Virginia Land Surveyors Laws and Regulations."
The Michie Company, Charlottesville, VA.



Location Map for SPCS and UTM “Zones”