

# **WEST VIRGINIA LEGISLATURE**

**2018 REGULAR SESSION**

**Enrolled**

**Senate Bill 626**

BY SENATOR SMITH

[Passed March 8, 2018; in effect 90 days from passage]



1 AN ACT to amend and reenact §22-3-9 and §22-3-20 of the Code of West Virginia, 1931, as  
2 amended; to amend and reenact §22-11-7a of said code; to amend and reenact §22A-1-  
3 36 of said code; to amend said code by adding thereto a new section, designated §22A-  
4 1-42; to amend and reenact §22A-2-2, §22A-2-3, §22A-2-4, §22A-2-4a, §22A-2-5, §22A-  
5 2-25, §22A-2-26, §22A-2-37, and §22A-2-55 of said code; and to amend and reenact  
6 §22A-2A-1001 of said code, all relating generally to coal mining; establishing new notice  
7 requirements regarding permit applications under the Surface Coal Mining and  
8 Reclamation Act; clarifying when a certification is granted under the Water Pollution  
9 Control Act; clarifying when a comprehensive mine safety program is subject to annual  
10 review; establishing the use of MSHA-approved ground control plans for surface  
11 operations; requiring automated external defibrillators be present on surface operations;  
12 requiring the Director of the Office of Miners' Health, Safety, and Training to promulgate  
13 emergency rules; providing that one MSHA-approved plan may be submitted to the  
14 director in lieu of separate state-approved plans for ventilation, seals, roof control, belt air,  
15 self-contained self-rescuer storage, tracking and communication, and emergency  
16 shelters; requiring that the MSHA-approved comprehensive safety plan be forwarded to  
17 the director in a timely manner; and permitting the use of diesel-powered generators in  
18 underground mines under certain conditions.

*Be it enacted by the Legislature of West Virginia:*

## **CHAPTER 22. ENVIRONMENTAL RESOURCES.**

### **ARTICLE 3. SURFACE COAL MINING AND RECLAMATION ACT.**

#### **§22-3-9. Permit application requirements and contents.**

- 1 (a) The surface mining permit application shall contain:
- 2 (1) The names and addresses of: (A) The permit applicant; (B) the owner of record of the  
3 property, surface, and mineral to be mined; (C) the holders of record of any leasehold interest in

4 the property; (D) any purchaser of record of the property under a real estate contract; (E) the  
5 operator, if different from the applicant; and (F) if any of these are business entities other than a  
6 single proprietor, the names and addresses of the principals, officers, and resident agent;

7 (2) The names and addresses of the owners of record of all surface and subsurface areas  
8 contiguous to any part of the proposed permit area: *Provided*, That all residents living on property  
9 contiguous to the proposed permit area shall be notified by the applicant, by registered or certified  
10 mail, of such application on or before the first day of publication of the notice provided for in §22-  
11 3-9(a)(6) of this code;

12 (3) A statement of any current surface mining permits held by the applicant in the state  
13 and the permit number and each pending application;

14 (4) If the applicant is a partnership, corporation, association, or other business entity, the  
15 following where applicable: The names and addresses of every officer, partner, resident agent,  
16 director or person performing a function similar to a director, together with the names and  
17 addresses of any person owning of record 10 percent or more of any class of voting stock of the  
18 applicant; and a list of all names under which the applicant, officer, director, partner, or principal  
19 shareholder previously operated a surface mining operation in the United States within the five-  
20 year period preceding the date of submission of the application;

21 (5) A statement of whether the applicant, or any officer, partner, director, principal  
22 shareholder of the applicant, any subsidiary, affiliate, or persons controlled by or under common  
23 control with the applicant, has ever been an officer, partner, director, or principal shareholder in a  
24 company which has ever held a federal or state mining permit which in the five-year period prior  
25 to the date of submission of the application has been permanently suspended or revoked or has  
26 had a mining bond or similar security deposited in lieu of bond forfeited and, if so, a brief  
27 explanation of the facts involved;

28 (6) A copy of the applicant's advertisement to be published in a newspaper of general  
29 circulation in the locality of the proposed permit area at least once a week for four successive

30 weeks on a form and in a manner prescribed by the secretary, which manner may be electronic.  
31 The advertisement shall contain, in abbreviated form, the information required by this section  
32 including the ownership and map of the tract location and boundaries of the proposed site so that  
33 the proposed operation is readily locatable by local residents, the location of the office of the  
34 department where the application is available for public inspection, and stating that written  
35 protests will be accepted by the secretary until a certain date which is at least 30 days after the  
36 last publication of the applicant's advertisement;

37 (7) A description of the type and method of surface mining operation that exists or is  
38 proposed, the engineering techniques used or proposed, and the equipment used or proposed to  
39 be used;

40 (8) The anticipated starting and termination dates of each phase of the surface mining  
41 operation and the number of acres of land to be affected;

42 (9) A description of the legal documents upon which the applicant's legal right to enter and  
43 conduct surface mining operations on the proposed permit area is based and whether that right  
44 is the subject of pending court litigation: *Provided*, That nothing in this article may be construed  
45 as vesting in the secretary the jurisdiction to adjudicate property-rights disputes;

46 (10) The name of the watershed and location of the surface stream or tributary into which  
47 surface and pit drainage will be discharged;

48 (11) A determination of the probable hydrologic consequences of the mining and  
49 reclamation operations, both on and off the mine site, with respect to the hydrologic regime,  
50 quantity and quality of water in surface and groundwater systems, including the dissolved and  
51 suspended solids under seasonal flow conditions and the collection of sufficient data for the mine  
52 site and surrounding areas so that an assessment can be made by the secretary of the probable  
53 cumulative impacts of all anticipated mining in the area upon the hydrology of the area, and  
54 particularly upon water availability: *Provided*, That this determination is not required until the time  
55 hydrologic information on the general area prior to mining is made available from an appropriate

56 federal or state agency or, if existing and in the possession of the applicant, from the applicant:  
57 *Provided, however,* That the permit application shall not be approved until the information is  
58 available and is incorporated into the application;

59 (12) Accurate maps to an appropriate scale clearly showing: (A) The land to be affected  
60 as of the date of application; (B) the area of land within the permit area upon which the applicant  
61 has the legal right to enter and conduct surface mining operations; and (C) all types of information  
62 set forth on enlarged topographical maps of the United States geological survey of a scale of  
63 1:24,000 or larger, including all man-made features and significant known archaeological sites  
64 existing on the date of application. In addition to other things specified by the secretary, the map  
65 shall show the boundary lines and names of present owners of record of all surface areas abutting  
66 the proposed permit area and the location of all structures within 1,000 feet of the proposed permit  
67 area;

68 (13) Cross-section maps or plans of the proposed affected area, including the actual area  
69 to be mined, prepared by, or under the direction of, and certified by a person approved by the  
70 secretary, showing pertinent elevation and location of test borings or core samplings, where  
71 required by the secretary, and depicting the following information: (A) The nature and depth of  
72 the various strata or overburden; (B) the location of subsurface water, if encountered, and its  
73 quality; (C) the nature and thickness of any coal or rider seams above the seam to be mined; (D)  
74 the nature of the stratum immediately beneath the coal seam to be mined; (E) all mineral crop  
75 lines and the strike and dip of the coal to be mined, within the area of land to be affected; (F)  
76 existing or previous surface mining limits; (G) the location and extent of known workings of any  
77 underground mines, including mine openings to the surface; (H) the location of any significant  
78 aquifers; (I) the estimated elevation of the water table; (J) the location of spoil, waste, or refuse  
79 areas and topsoil preservation areas; (K) the location of all impoundments for waste or erosion  
80 control; (L) any settling or water treatment facility or drainage system; (M) constructed or natural  
81 drainways and the location of any discharges to any surface body of water on the area of land to

82 be affected or adjacent thereto; and (N) adequate profiles at appropriate cross sections of the  
83 anticipated final surface configuration that will be achieved pursuant to the operator's proposed  
84 reclamation plan;

85 (14) A statement of the result of test borings or core samples from the permit area,  
86 including: (A) Logs of the drill holes; (B) the thickness of the coal seam to be mined and analysis  
87 of the chemical and physical properties of the coal; (C) the sulfur content of any coal seam; (D)  
88 chemical analysis of potentially acid or toxic forming sections of the overburden; and (E) chemical  
89 analysis of the stratum lying immediately underneath the coal to be mined: *Provided*, That the  
90 provisions of this subdivision may be waived by the secretary with respect to the specific  
91 application by a written determination that such requirements are unnecessary;

92 (15) For those lands in the permit application which a reconnaissance inspection suggests  
93 may be prime farmlands, a soil survey shall be made or obtained according to standards  
94 established by the Commissioner of Agriculture in order to confirm the exact location of the prime  
95 farmlands;

96 (16) A reclamation plan as presented in §22-3-10 of this code;

97 (17) Information pertaining to coal seams, test borings, core samplings, or soil samples as  
98 required by this section shall be made available to any person with an interest who is or may be  
99 adversely affected: *Provided*, That information which pertains only to the analysis of the chemical  
100 and physical properties of the coal, except information regarding mineral or elemental content  
101 which is potentially toxic to the environment, shall be kept confidential and not made a matter of  
102 public record;

103 (18) When requested by the secretary, the climatological factors that are peculiar to the  
104 locality of the land to be affected, including the average seasonal precipitation, the average  
105 direction and velocity of prevailing winds, and the seasonal temperature ranges; and

106 (19) Other information that may be required by rules reasonably necessary to effectuate  
107 the purposes of this article.

108 (b) If the secretary finds that the probable total annual production at all locations of any  
109 coal surface mining operator will not exceed 300,000 tons, the determination of probable  
110 hydrologic consequences including the engineering analyses and designs necessary as required  
111 by this article or rules promulgated thereunder; the development of cross-section maps and plans  
112 as required by this article or rules promulgated thereunder; the geologic drilling and statement of  
113 results of test borings and core samplings as required by this article or rules promulgated  
114 thereunder; preblast surveys required by this article or rules promulgated thereunder; the  
115 collection of site-specific resource information and production of protection and enhancement  
116 plans for fish and wildlife habitats and other environmental values required by this article or rules  
117 promulgated thereunder; and the collection of archaeological and historical information required  
118 by this article and rules promulgated thereunder and any other archaeological and historical  
119 information required by the federal Department of the Interior and the preparation of plans that  
120 may be necessitated thereby shall, upon the written request of the operator, be performed by a  
121 qualified public or private laboratory designated by the secretary and a reasonable cost of the  
122 preparation of the determination and statement shall be assumed by the department from funds  
123 provided by the United States Department of the Interior pursuant to the federal Surface Mining  
124 Control and Reclamation Act of 1977, as amended.

125 (c) Before the first publication of the applicant's advertisement as provided in this section,  
126 each applicant for a surface mining permit shall file, except for that information pertaining to the  
127 coal seam itself, a copy of the application for public inspection in the nearest office of the  
128 department as specified in the applicant's advertisement.

129 (d) Each applicant for a permit shall be required to submit to the secretary as a part of the  
130 permit application a certificate issued by an insurance company authorized to do business in this  
131 state covering the surface mining operation for which the permit is sought, or evidence that the  
132 applicant has satisfied state self-insurance requirements. The policy shall provide for personal  
133 injury and property damage protection in an amount adequate to compensate any persons

134 damaged as a result of surface coal mining and reclamation operations, including use of  
135 explosives, and entitled to compensation under the applicable provisions of state law. The policy  
136 shall be maintained in full force and effect during the terms of the permit or any renewal, including  
137 the length of all reclamation operations.

138 (e) Each applicant for a surface mining permit shall submit to the secretary as part of the  
139 permit application a blasting plan where explosives are to be used, which shall outline the  
140 procedures and standards by which the operator will meet the provisions of the blasting  
141 performance standards.

142 (f) The applicant shall file, as part of the permit application, a schedule listing all notices  
143 of violation, bond forfeitures, permit revocations, cessation orders, or permanent suspension  
144 orders resulting from a violation of the federal Surface Mining Control and Reclamation Act of  
145 1977, as amended, this article or any law or regulation of the United States or any department or  
146 agency of any state pertaining to air or environmental protection received by the applicant in  
147 connection with any surface mining operation during the three-year period prior to the date of  
148 application, and indicating the final resolution of any notice of violation, forfeiture, revocation,  
149 cessation, or permanent suspension.

150 (g) Within five working days of receipt of an application for a permit, the secretary shall  
151 notify the operator in writing, stating whether the application is administratively complete and  
152 whether the operator's advertisement may be published. If the application is not administratively  
153 complete, the secretary shall state in writing why the application is not administratively complete.

**§22-3-20. Public notice; written objections; public hearings; informal conferences.**

1 (a) At the time of submission of an application for a surface mining permit or a significant  
2 revision of an existing permit pursuant to the provisions of this article, the applicant shall submit  
3 to the department a copy of the required advertisement for public notice on a form and in a manner  
4 prescribed by the secretary, which manner may be electronic. At the time of submission, the  
5 applicant shall place the advertisement in a local newspaper of general circulation in the county

6 of the proposed surface-mining operation at least once a week for four consecutive weeks. The  
7 secretary shall notify various appropriate federal and state agencies as well as local governmental  
8 bodies, planning agencies, and sewage and water treatment authorities or water companies in  
9 the locality in which the proposed surface mining operation will take place, notifying them of the  
10 operator's intention to mine on a particularly described tract of land and indicating the application  
11 number and where a copy of the proposed mining and reclamation plan may be inspected. These  
12 local bodies, agencies, authorities, or companies may submit written comments within a  
13 reasonable period established by the secretary on the mining application with respect to the effect  
14 of the proposed operation on the environment which is within their area of responsibility. The  
15 comments shall be immediately transmitted by the secretary to the applicant and to the  
16 appropriate office of the department. The secretary shall provide the name and address of each  
17 applicant to the Commissioner of the Division of Labor who shall, within 15 days from receipt,  
18 notify the secretary as to the applicant's compliance, if necessary, pursuant to §21-5-14 of this  
19 code.

20 (b) Any person having an interest which is or may be adversely affected, or the officer or  
21 head of any federal, state, or local governmental agency, has the right to file written objections to  
22 the proposed initial or revised permit application for a surface mining operation with the secretary  
23 within 30 days after the last publication of the advertisement required in §22-3-20(a) of this code.  
24 The objections shall be immediately transmitted to the applicant by the secretary and shall be  
25 made available to the public. If written objections are filed and an informal conference requested  
26 within 30 days of the last publication of the above notice, the secretary shall then hold a  
27 conference in the locality of the proposed mining within a reasonable time after the close of the  
28 public comment period. Those requesting the conference shall be notified and the date, time, and  
29 location of the informal conference shall also be advertised by the secretary in a newspaper of  
30 general circulation in the locality on a form and in a manner prescribed by the secretary, which  
31 manner may be electronic, at least two weeks prior to the scheduled conference date. The

32 secretary may arrange with the applicant, upon request by any party to the conference  
33 proceeding, access to the proposed mining area for the purpose of gathering information relevant  
34 to the proceeding. An electronic or stenographic record shall be made of the conference  
35 proceeding unless waived by all parties. The record shall be maintained and shall be accessible  
36 to the parties at their respective expense until final release of the applicant's bond or other security  
37 posted in lieu thereof. The secretary's authorized agent shall preside over the conference. In the  
38 event all parties requesting the informal conference stipulate agreement prior to the conference  
39 and withdraw their request, a conference need not be held.

**ARTICLE 11. WATER POLLUTION CONTROL ACT.**

**§22-11-7a. Certification agreements; required provisions.**

1 (a) Any applicant for the water quality certification that seeks certification of activities  
2 covered by the United States Army Corps of Engineers permits issued in accordance with 33  
3 U.S.C. §1344 and 33 C.F.R. Parts 323 or 330 may be issued a certification in accordance with  
4 the legislative rules entitled Rules for Individual State Certification of Activities Requiring a Federal  
5 Permit, 47 C.S.R. 5A.

6 (1) The proposed activity shall comply with all applicable state and federal laws, rules, and  
7 regulations.

8 (2) The secretary shall propose rules for legislative approval in accordance with §29A-3-  
9 1 *et seq.* of this code, for the purpose of implementing the provisions of this section which rules  
10 shall include, but not be limited to, the following:

11 (A) Establishing all necessary operational and performance requirements for a person  
12 undertaking activities covered by this section;

13 (B) Modifying the provisions of this section, when necessary and appropriate to bring the  
14 provisions of this section into compliance with state or federal law or regulation; and

15 (C) Establishing the specific operational requirements for the activity consistent with this  
16 section appropriate to protect the waters of this state during and following the activity.

17 (b) The Joint Committee on Government and Finance may undertake or facilitate a study  
18 of the impact of mountaintop mining and valley fills upon the State of West Virginia.

19 (1) To facilitate the study, the Joint Committee on Government and Finance is further  
20 authorized to coordinate with and seek funding from appropriate federal agencies to facilitate the  
21 study including, but not limited to: The federal Environmental Protection Agency, Army Corps of  
22 Engineers, Office of Surface Mining Reclamation and Enforcement, and Fish and Wildlife Service.

23 (2) In order to facilitate the research, the Joint Committee on Government and Finance  
24 shall appoint a council to coordinate and direct the research. The composition of the council shall  
25 be determined by the joint committee, but shall include representatives from the various interested  
26 parties as determined solely by the joint committee.

## **CHAPTER 22a. MINERS' HEALTH, TRAINING, AND SAFETY.**

### **ARTICLE 1. OFFICE OF MINERS' HEALTH, SAFETY, AND TRAINING; ADMINISTRATION; ENFORCEMENT.**

#### **§22A-1-36. Mandatory safety programs; penalties.**

1 (a) The director, in consultation with the state Board of Coal Mine Health and Safety, shall  
2 promulgate rules in accordance with §29A-1-1 *et seq.* of this code, detailing the requirements for  
3 mine safety programs to be established by coal operators, as provided in §22A-1-36(b) of this  
4 code. The rules may require different types of safety programs to be developed, depending upon  
5 the output of the particular mine, the number of employees of the particular mine, the location of  
6 the particular mine, the physical features of the particular mine, or any other factor deemed  
7 relevant by the director.

8 (b) Within six months of the date when the rules required in §22A-1-36(a) of this code  
9 become final, each operator shall develop and submit to the director a comprehensive mine safety  
10 program for each mine, in accordance with such rules. Each employee of the mine shall be  
11 afforded an opportunity to review and submit comments to the director regarding the modification

12 or revision of such program, prior to submission of such program to the director. Upon submission  
13 of such program the director has 90 days to approve, reject, or modify such program. If the  
14 program is rejected, the director shall give the operator a reasonable time to correct and resubmit  
15 such program. An up-to-date copy of each program shall be placed on file in the office and further  
16 copies shall be made available to the miners of each mine and their representatives. Each  
17 operator shall undertake all efforts necessary to assure total compliance with the appropriate  
18 safety program at each mine and shall fully implement all portions of such program. Once  
19 approved, a comprehensive mine safety program shall not be subject to annual review by the  
20 director: *Provided*, That a program may be subject to annual review by the director after a fatality  
21 or serious accident involving bodily harm has occurred, or, if the operator has shown a pattern of  
22 mine safety violations as defined by §22A-1-15(2) of this code, such a finding shall also warrant  
23 annual review by the director. The director shall promulgate emergency rules in order to comply  
24 with this subsection.

25 (c) Any person violating any provision of this section is guilty of a misdemeanor, and, upon  
26 conviction thereof, shall be fined not less than \$100 nor more than \$1,000, or imprisoned in the  
27 county jail for not more than six months, or both fined and imprisoned.

**§22A-1-42. Surface ground control plan; automated external defibrillator.**

1 (a) The MSHA-approved surface ground control plan shall serve as the state-approved  
2 plan, and the operator, upon approval by MSHA, shall provide a copy of the MSHA-approved  
3 surface ground control plan to the director.

4 (b) Automated external defibrillators (AEDs) shall be required on all surface mining  
5 operations. The director shall promulgate emergency rules in order to comply with this section of  
6 code, giving special consideration to the climate sensitive nature of AEDs.

**ARTICLE 2. UNDERGROUND MINES.**

## VENTILATION

### §22A-2-2. Submittal of detailed ventilation plan to director.

1           (a) A mine operator shall submit a detailed ventilation plan and any addenda to the  
2 director for review and comment. The mine operator shall review the plan with the director and  
3 address concerns to the extent practicable. The operator shall deliver to the miners'  
4 representative employed by the operator at the mine, if any, a copy of the operator's proposed  
5 annual ventilation plan at least 10 days prior to the date of submission. The miners' representative,  
6 if any, shall be afforded the opportunity to submit written comments to the operator prior to such  
7 submission; in addition, the miners' representative, if any, may submit written comments to the  
8 director. The director shall submit any concern that is not addressed to the United States  
9 Department of Labor - Mine Safety and Health Administration (MSHA) through comments to the  
10 plan. The mine operator shall provide a copy of the plan to the director 10 days prior to the  
11 submittal of the plan to MSHA. The MSHA-approved plan shall serve as the state-approved plan:  
12 *Provided*, That the MSHA-approved plan shall comply with all provisions of state mining law as  
13 set forth in state code or code of state rules.

14           (b) The operator shall give the director a copy of the MSHA-approved plan and any  
15 addenda as soon as the operator receives the approval.

16           (c) In the event of an unforeseen situation requiring immediate action on a plan revision,  
17 the operator shall submit the proposed revision to the director and the miners' representative, if  
18 any, employed by the operator at the mine when the proposed revision is submitted to MSHA.  
19 The director shall work with the operator to review and comment on the proposed plan revision to  
20 MSHA as quickly as possible.

21           (d) Upon approval by MSHA, the plan is enforceable by the director. The approved plan  
22 and all revisions and addenda thereto shall be posted on the mine bulletin board and made  
23 available for inspection by the miners at that mine for the period of time that they are in effect.

**§22A-2-3. Fans.**

1           (a) The ventilation of mines, the systems for which extend for more than 200 feet  
2 underground, and which are opened after the effective date of this article, shall be produced by a  
3 mechanically operated fan or mechanically operated fans. Ventilation by means of a furnace is  
4 prohibited in any mine. The fan or fans shall be kept in continuous operation, unless written  
5 permission to do otherwise be granted by the director. In case of interruption to a ventilating fan  
6 or its machinery whereby the ventilation of the mine is interrupted, immediate action shall be taken  
7 by the mine operator or the operator's management personnel, in all mines, to cut off the power  
8 and withdraw the men from the face regions or other areas of the mine affected. If ventilation is  
9 restored in 15 minutes, the face regions and other places in the affected areas where gas  
10 (methane) is likely to accumulate, shall be reexamined by a certified person; and if found free of  
11 explosive gas, power may be restored and work resumed. If ventilation is not restored in 15  
12 minutes, all underground employees shall be removed from the mine, all power shall be cut off in  
13 a timely manner, and the underground employees shall not return until ventilation is restored and  
14 the mine examined by certified persons, mine examiners, or other persons holding a certificate to  
15 make preshift examination. If ventilation is restored to the mine before miners reach the surface,  
16 the miners may return to underground working areas only after an examination of the areas is  
17 made by a certified person and the areas are determined to be safe.

18           (b) All main fans installed after the effective date of this article shall be located on the  
19 surface in fireproof housings offset not less than 15 feet from the nearest side of the mine opening,  
20 equipped with fireproof air ducts, provided with explosion doors or a weak wall, and operated from  
21 an independent power circuit. In lieu of the requirements for the location of fans and pressure-  
22 relief facilities, a fan may be directly in front of, or over a mine opening: *Provided*, That such  
23 opening is not in direct line with possible forces coming out of the mine if an explosion occurs:  
24 *Provided, however*, That there is another opening having a weak wall stopping or explosion doors  
25 that would be in direct line with forces coming out of the mine. All main fans shall be provided with

26 pressure-recording gauges or water gauges. A daily inspection shall be made of all main fans and  
27 machinery connected therewith by a certified electrician and a record kept of the same in a book  
28 prescribed for this purpose or by adequate facilities provided to permanently record the  
29 performance of the main fans and to give warning of an interruption to a fan.

30 (c) Auxiliary fans and tubing shall be permitted to be used in lieu of or in conjunction with  
31 line brattice to provide adequate ventilation to the working faces: *Provided*, That auxiliary fans be  
32 so located and operated to avoid recirculation of air at any time. Auxiliary fans shall be approved  
33 and maintained as permissible.

34 (d) If the auxiliary fan is stopped or fails, the electrical equipment in the place shall be  
35 stopped and the power disconnected at the power source until ventilation in the working place is  
36 restored. During such stoppage, the ventilation shall be, by means of the primary air current  
37 conducted into the place, in a manner to prevent accumulation of methane.

38 (e) In places where auxiliary fans and tubing are used, the ventilation between shifts,  
39 weekends, and idle shifts shall be provided to face areas with line brattice or the equivalent to  
40 prevent accumulation of methane.

41 (f) The director may require that when continuous mine equipment is being used, all face  
42 ventilating systems using auxiliary fans and tubing shall be provided with machine-mounted  
43 diffuser fans, and such fans shall be continuously operated during mining operations.

44 (g) In the event of a fire or explosion in any coal mine, the ventilating fan or fans shall not  
45 intentionally be started, stopped, speed increased or decreased or the direction of the air current  
46 changed without the approval of the general mine foreman, and, if he or she is not immediately  
47 available, a representative of the Office of Miners' Health, Safety, and Training. A duly authorized  
48 representative of the employees should be consulted if practical under the circumstances.

49 (h) The MSHA-approved plan relating to fans shall serve as the state-approved plan:  
50 *Provided*, That the MSHA-approved plan shall comply with all provisions of state mining law as  
51 set forth in state code or code of state rules.

**§22A-2-4. Ventilation of mines in general.**

1           (a) The operator or mine foreman of every coal mine, whether worked by shaft, slope, or  
2 drift, shall provide and hereafter maintain for every such mine adequate ventilation. In all mines  
3 the quantity of air passing through the last open crosscut between the intake and return in any  
4 pair or set of entries shall be not less than 9,000 cubic feet of air per minute and as much more  
5 as is necessary to dilute and render harmless and carry away flammable and harmful gases. All  
6 working faces in a working section between the intake and return airway entries shall be ventilated  
7 with a minimum quantity of 3,000 cubic feet of air per minute and as much more as is necessary  
8 to dilute and render harmless and carry away flammable and harmful gases. The quantity of air  
9 reaching the last crosscut in pillar sections may be less than 9,000 cubic feet of air per minute if  
10 at least 9,000 cubic feet of air per minute is being delivered to the intake of the pillar line. The air  
11 current shall under any conditions have a sufficient volume and velocity to reduce and carry away  
12 smoke from blasting and any flammable or harmful gases. The operator shall provide to the safety  
13 committee access to anonometers and smoke tubes while performing their duties. All active  
14 underground working places in a mine shall be ventilated by a current of air containing not less  
15 than 19 and five-tenths percent of oxygen, not more than five-tenths percent of carbon dioxide,  
16 and no harmful quantities of other noxious or poisonous gases.

17           (b) Airflow shall be maintained in all intake and return air courses of a mine and, where  
18 multiple fans are used, neutral areas created by pressure equalization between main fans shall  
19 not be permitted. Production activities in working faces shall cease while tubing, line brattice or  
20 other ventilation devices are being installed inby the machine operator.

21           (c) Properly installed and adequately maintained line brattice or other approved devices  
22 shall be continuously used from the last open crosscut of an entry or room of each working section  
23 to provide adequate ventilation to the working faces for the miners and to remove flammable,  
24 explosive and noxious gases, dust, and explosive fumes. When damaged by falls or otherwise,  
25 such line brattice or other devices shall be repaired immediately.

26 (d) Brattice cloth used underground shall be of flame-resistant material. The space  
27 between the line brattice or other approved device and the rib shall be large enough to permit the  
28 flow of a sufficient volume and velocity of air to keep the working face clear of flammable,  
29 explosive and noxious gases, dust, and explosive fumes.

30 (e) Each working unit newly developed in virgin coal hereafter, shall be ventilated by a  
31 separate split of air: *Provided*, That in areas already under development and in areas where  
32 physical conditions prevent compliance with this provision, the director may grant temporary relief  
33 from compliance until such time as physical conditions make compliance possible. The quantity  
34 of air reaching the last crosscut shall not be less than 9,000 cubic feet of air per minute and shall  
35 under any condition have sufficient volume and velocity to reduce and carry away smoke and  
36 flammable or harmful gases from each working face in the section.

37 (f) As working places advance, crosscuts for air shall be made not more than 105 feet  
38 apart. Where necessary to render harmless and carry away noxious or flammable gases, line  
39 brattice or other approved methods of ventilation shall be used so as to properly ventilate the  
40 face. All crosscuts between the main intake and return airways not required for passage of air  
41 and equipment shall be closed with stoppings substantially built with incombustible or fire-  
42 resistant material so as to keep working places well ventilated. In mines where it becomes  
43 necessary to provide larger pillars for adequate roof support, working places shall not be driven  
44 more than 200 feet without providing a connection that will allow the free flow of air currents. In  
45 such cases, a minimum of 12,000 cubic feet of air a minute shall be delivered to the last open  
46 crosscut and as much more as is necessary to dilute and render harmless and carry away  
47 flammable and noxious gases.

48 (g) In special instances for the construction of sidetracks, haulageways, airways, or  
49 openings in shaft bottom or slope bottom layouts where the size and strength of pillars is  
50 important, the director may issue a permit approving greater distances. The permit shall specify  
51 the conditions under which such places may be driven.

52 (h) In all mines a system of bleeder openings on air courses, designed to provide positive  
53 movement of air through and/or around abandoned or caved areas, sufficient to prevent  
54 dangerous accumulation of gas in such areas, and to minimize the effect of variations in  
55 atmospheric pressure shall be made a part of pillar recovery plans projected after July 1, 1971.

56 (i) If a bleeder return is closed as a result of roof falls or water during pillar recovery  
57 operations, pillar operations may continue without reopening the bleeder return if at least 20,000  
58 cubic feet of air per minute is delivered to the intake of the pillar line.

59 (j) No operator or mine foreman shall permit any person to work where he or she is unable  
60 to maintain the quantity and quality of the air current as heretofore required: *Provided*, That such  
61 provisions shall not prohibit the employment of men to make place of employment safe.

62 (k) The ventilation of any mine shall be so arranged by means of air locks, overcasts or  
63 undercasts, that the use of doors on passageways where men or equipment travel may be kept  
64 to a minimum. Where doors are used in a mine, they shall be erected in pairs so as to provide a  
65 ventilated air lock unless the doors are operated mechanically.

66 (l) A crosscut shall be provided at or near the face of each entry or room before such  
67 places are abandoned.

68 (m) Overcasts or undercasts shall be constructed of incombustible material and  
69 maintained in good condition.

70 (n) After January 1, 1987, all run through check curtains shall be substantially constructed  
71 of translucent material, except that where belting material has to be used because of high velocity,  
72 there shall be a window of translucent material at least 30 inches square or one-half the height of  
73 the coal seam, whichever is less.

74 (o) The MSHA-approved plan shall serve as the state-approved plan: *Provided*, That the  
75 MSHA-approved plan shall comply with all provisions of state mining law as set forth in state code  
76 or code of state rules.

**§22A-2-4a. Use of belt air.**

1           (a) *Definitions.* — For purposes of this section, “belt air” means the use of a belt conveyor  
2 entry as an intake air course to ventilate the working sections of a mine or areas where  
3 mechanized mining equipment is being installed or removed.

4           (b) Upon the effective date of the enactment of this section, belt air may not be used to  
5 ventilate the working sections of a mine or areas where mechanized mining equipment is being  
6 installed or removed: *Provided,* That if an alternative method of ventilation will at all times  
7 guarantee no less than the same measure of protection afforded the miners of an underground  
8 mine by the foregoing or if the application of the foregoing to an underground mine will result in a  
9 diminution of safety to the miners in the mine, the director may approve the interim use of belt air  
10 pursuant to the following. The MSHA-approved plan for use of belt air shall serve as the state-  
11 approved plan: *Provided,* That the MSHA-approved plan shall contain all provisions of state  
12 mining law as set forth in state code or code of state rules.

**§22A-2-5. Unused and abandoned parts of mine.**

1           (a) In any mine, all workings which are abandoned after July 1, 1971, shall be sealed or  
2 ventilated. If the workings are sealed, the sealing shall be done with incombustible material in a  
3 manner prescribed by the director and one or more of the seals of every sealed area shall be  
4 fitted with a pipe and cap or valve to permit the sampling of gases and measuring of hydrostatic  
5 pressure behind the seals. For the purpose of this section, working within a panel shall not be  
6 considered to be abandoned until the panel is abandoned.

7           (b) Air that has passed through an abandoned area or an area which is inaccessible or  
8 unsafe for inspection shall not be used to ventilate any working place in any working mine, unless  
9 permission is granted by the director with unanimous agreement of the technical and mine safety  
10 review committee. Air that has been used to ventilate seals shall not be used to ventilate any  
11 working place in any working mine. Air which has been used to ventilate an area from which the  
12 pillars have been removed shall not be used to ventilate any working place in a mine, except that

13 the air, if it does not contain 0.25 volume percent or more of methane, may be used to ventilate  
14 enough advancing working places immediately adjacent to the line of retreat to maintain an  
15 orderly sequence of pillar recovery on a set of entries. Before sealed areas, temporary or  
16 permanent, are reopened, the director shall be notified.

17 (c) On or after the effective date of the amendment and reenactment of this section during  
18 the 2007 regular session of the Legislature, a professional engineer registered with the Board of  
19 Registration for Professional Engineers pursuant to §30-13-1 *et seq.* of this code shall certify the  
20 design of all new seals as meeting the criteria established by the director. Every seal design shall  
21 have the professional engineer's certificate and signature, in addition to his or her seal, in the  
22 following form:

23 "I the undersigned, do hereby certify that this seal design is, to the best of my knowledge,  
24 in accordance with all applicable requirements under state and federal law, rules and regulations.

25 \_\_\_\_\_ P.E."

26 (d) On or after the effective date of the amendment and reenactment of this section during  
27 the 2007 regular session of the Legislature, the director shall approve the construction of all new  
28 seals in accordance with rules authorized in this section. The construction shall also be:

29 (1) Certified by the mine foreman-fire boss of the mine as being in accordance with the  
30 design certified by a professional engineer pursuant to §22A-2-5(c) of this code; and

31 (2) (A) Constructed of solid concrete blocks and in accordance with the other provisions  
32 of 30 CFR 75.335(a)(1); or

33 (B) Constructed in a manner that the director has approved as having the capability to  
34 withstand pressure equal to or greater than a seal constructed in accordance with the provisions  
35 of 30 CFR 75.335(a)(1).

36 (e) On or after the effective date of the amendment and reenactment of this section during  
37 the 2007 regular session of the Legislature, the operator shall inspect the physical condition of all  
38 seals and measure the atmosphere behind all seals in accordance with protocols developed by

39 the Board of Coal Mine Health and Safety, pursuant to rules authorized in this section and  
40 consistent with a mine-specific atmospheric measurement plan submitted to and approved by the  
41 director. The atmospheric measurements shall include, but not be limited to, the methane and  
42 oxygen concentrations and the barometric pressure. The atmospheric measurements also shall  
43 be recorded with ink or indelible pencil in a book kept for that purpose on the surface at a location  
44 designated by the operator. The protocols shall specify appropriate methods for inspecting the  
45 physical condition of seals, measuring the mine atmosphere in sealed workings, and inerting the  
46 mine atmosphere behind the seals, where appropriate.

47 (f) (1) In all mines containing workings sealed using seals constructed in accordance with  
48 the provisions of 30 CFR 75.335(a)(2) which are constructed: (A) Of cementitious foam blocks;  
49 or (B) with methods or materials that the Board of Coal Mine Health and Safety determines do  
50 not provide an adequate level of protection to miners, the operator shall, pursuant to a plan  
51 submitted to and approved by the director, remediate the seals by either enhancing the seals or  
52 constructing new seals in place of or immediately outby the seals. After being remediated, all  
53 seals must have the capability to withstand pressure equal to or greater than a seal constructed  
54 in accordance with the provisions of 30 CFR 75.335(a)(1). The design, development, submission  
55 and implementation of the remediation plan is the responsibility of the operator of each mine.  
56 Pursuant to rules authorized in this section, the Board of Coal Mine Health and Safety shall specify  
57 appropriate methods of enhancing the seals.

58 (2) Notwithstanding any provision of this code to the contrary, if the director determines  
59 that any seal described in §22A-2-5(f)(1) of this code is incapable of being remediated in a safe  
60 and effective manner, the mine foreman-fire boss shall, at least once every 24 hours, inspect the  
61 physical condition of the seal and measure the atmosphere behind the seal. The daily inspections  
62 and measurements shall otherwise be performed in accordance with the protocols and  
63 atmospheric measurement plan established pursuant to §22A-2-5(e) of this code.

64 (g) Upon the effective date of the amendment and reenactment of this section during the  
65 2007 regular session of the Legislature, second mining of lower coal on retreat, also known as  
66 bottom mining, shall not be permitted in workings that will be sealed unless an operator has first  
67 submitted and received approval by the director of a remediation plan that sets forth measures  
68 that will be taken to mitigate the effects of remnant ramps and other conditions created by bottom  
69 mining on retreat which can increase the force of explosions originating in and emanating out of  
70 workings that have been bottom mined. The director shall require that certification in a manner  
71 similar to that set forth in §22A-2-5(c) of this code shall be obtained by the operator from a  
72 professional engineer and the mine foreman-fire boss for the plan design and plan  
73 implementation, respectively.

74 (h) No later than 60 days after the effective date of the amendment and reenactment of  
75 this section during the 2007 regular session of the Legislature, the Board of Coal Mine Health and  
76 Safety shall develop and promulgate rules pursuant to the provisions of §22A-6-4 of this code to  
77 implement and enforce the provisions of this section.

78 (i) Upon the issuance of mandatory health and safety standards relating to the sealing of  
79 abandoned areas in underground coal mines by the Secretary of the United States Department  
80 of Labor pursuant to 30 U. S. C. §811, as amended by section 10 of the federal Mine Improvement  
81 and New Emergency Response Act of 2006, the director, working in consultation with the Board  
82 of Coal Mine Health and Safety, shall, within 30 days, provide the Governor with his or her  
83 recommendations, if any, for the enactment, repeal, or amendment of any statute or rules which  
84 would enhance the safe sealing of abandoned mine workings and the health and safety of miners.

85 (j) The MSHA-approved plan for seals shall serve as the state-approved plan: *Provided,*  
86 That the MSHA-approved plan shall comply with all provisions of state mining law as set forth in  
87 this code or code of state rules.

## ROOF – FACE – RIBS

### §22A-2-25. Roof control programs and plans; refusal to work under unsupported roof.

1           (a) Each operator shall undertake to carry out on a continuing basis a program to improve  
2 the roof control system of each coal mine and the means and measures to accomplish such  
3 system. The roof and ribs of all active underground roadways, travelways, and working places  
4 shall be supported or otherwise controlled adequately to protect persons from falls of the roof or  
5 ribs. A roof control plan and revisions thereof suitable to the roof conditions and mining systems  
6 of each coal mine and approved by the director shall be adopted and set out in printed form before  
7 new operations. The safety committee of the miners of each mine where such committee exists  
8 shall be afforded the opportunity to review and submit comments and recommendations to the  
9 director and operator concerning the development, modification, or revision of such roof control  
10 plans. The plan shall show the type of support and spacing approved by the director. Such plan  
11 shall be reviewed periodically, at least every six months by the director, taking into consideration  
12 any falls of roof or rib or inadequacy of support of roof or ribs. A copy of the plan shall be furnished  
13 to the director or his or her authorized representative and shall be available to the miners and  
14 their representatives. The MSHA-approved roof control plan shall serve as the state-approved  
15 plan: *Provided*, That the MSHA-approved plan shall comply with all provisions of state mining law  
16 as set forth in this code or code of state rules.

17           (b) The operator, in accordance with the approved plan, shall provide at or near each  
18 working face and at such other locations in the coal mine, as the director may prescribe, an ample  
19 supply of suitable materials of proper size with which to secure the roof thereof of all working  
20 places in a safe manner. Safety posts, jacks, or other approved devices shall be used to protect  
21 the workmen when roof material is being taken down, crossbars are being installed, roof bolt holes  
22 are being drilled, roof bolts are being installed, and in such other circumstances as may be  
23 appropriate. Loose roof and overhanging or loose faces and ribs shall be taken down or

24 supported. When overhangs or brows occur along rib lines they shall be promptly removed. All  
25 sections shall be maintained as near as possible on center. Except in the case of recovery work,  
26 supports knocked out shall be replaced promptly. Apprentice miners shall not be permitted to set  
27 temporary supports on a working section without the direct immediate supervision of a certified  
28 miner.

29 (c) The operator of a mine has primary responsibility to prevent injuries and deaths  
30 resulting from working under unsupported roof. Every operator shall require that no person may  
31 proceed beyond the last permanent support unless adequate temporary support is provided or  
32 temporary support is not required under an approved roof control plan and absence of such  
33 support will not pose a hazard to the miners.

34 (d) The immediate supervisor of any area in which unsupported roof is located shall not  
35 direct or knowingly permit any person to proceed beyond the last permanent support unless  
36 adequate temporary support is provided or temporary support is not required under an approved  
37 roof control plan and absence of such support will not pose a hazard to the miners.

38 (e) No miner shall proceed beyond the last permanent support in violation of a direct or  
39 standing order of an operator, a foreman or an assistant foreman, unless adequate temporary  
40 support is provided or temporary support is not required under an approved roof control plan and  
41 absence of such support will not pose a hazard to the miner.

42 (f) The immediate supervisor of each miner who will be engaged in any activity involving  
43 the securing of roof or rib during a shift shall, at the onset of any such shift, orally review those  
44 parts of the roof control plan relevant to the type of mining and roof control to be pursued by such  
45 miner.

46 (g) Any action taken against a miner due, in whole or in part, to his or her refusal to work  
47 under unsupported roof, where such work would constitute a violation of this section, is prohibited  
48 as an act of discrimination pursuant to §22A-1-22 of this code. Upon a finding of discrimination

49 by the appeals board pursuant to §22A-1-22(b) of this code, the miner shall be awarded by the  
50 appeals board all reliefs available pursuant to §22A-1-22(b) and §22A-1-22(c) of this code.

**§22A-2-26. Roof support; specific requirements.**

1 (a) *Generally.* — The method of mining followed in any coal mine may not expose the  
2 miner to unusual dangers from roof falls, and the MSHA-approved plan shall serve as the state-  
3 approved plan: *Provided*, That the MSHA-approved plan shall comply with all provisions of state  
4 mining law as set forth in this code or code of state rules.

5 (b) *Roadways, intersections, and arches.* — The width of roadways shall not exceed 16  
6 feet unless additional support is added cross sectional. During the development of intersections,  
7 the roof between the tangents of the arches in the entry or room shall be supported with artificial  
8 roof supports prior to the development of such intersections. All areas where the arch is broken  
9 shall be considered as having unsupported roof and such roof should have artificial roof supports  
10 installed prior to any other work being performed in the area.

11 (c) *Examinations and corrections.* — Where miners are exposed to danger from falls of  
12 roof, face and ribs, the operator shall examine and test the roof, face and ribs before any work or  
13 machine is started, and as frequently thereafter as may be necessary to insure safety. When  
14 dangerous conditions are found, they shall be corrected immediately. A probe or probes for  
15 methane detectors shall be provided on each working section other than longwall sections and  
16 sections mined solely with continuous miners with integral roof bolters.

17 (d) *Roof bolt recovery.* — Roof bolts shall not be recovered where complete extraction of  
18 pillars is attempted, where adjacent to clay veins or at the locations of other irregularities, whether  
19 natural or otherwise, that induce abnormal hazards. Where roof bolt recovery is permitted, it shall  
20 be conducted only in accordance with methods prescribed in the approved roof control plan, and  
21 shall be conducted by experienced miners and only where adequate temporary support is  
22 provided.

## TRANSPORTATION

### **§22A-2-37. Haulage roads and equipment; shelter holes; prohibited practices; signals; inspection.**

1           (a) Use of haulage roads and equipment along with signals and inspection shall meet  
2 standards established by the U. S. Mine Safety and Health Administration. The roadbed, rails,  
3 joints, switches, frogs, and other elements of all haulage roads shall be constructed, installed,  
4 and maintained in a manner consistent with speed and type of haulage operations being  
5 conducted to ensure safe operation. Where transportation of personnel is exclusively by rail, track  
6 shall be maintained to within 1,500 feet of the nearest working face, except that when any section  
7 is fully developed and being prepared for retreating, then the track shall be maintained to within  
8 1,500 feet of that retreat mining section if a rubber tired vehicle is readily available: *Provided*, That  
9 in any case where such track is maintained to within a distance of more than 500 feet and not  
10 more than 1,500 feet of the nearest working face, a self-propelled, rubber-tired vehicle capable of  
11 transporting an injured worker shall be readily available.

12           (b) Track switches, except room and entry development switches, shall be provided with  
13 properly installed throws, bridle bars and guard rails; switch throws and stands, where possible,  
14 shall be placed on the clearance side.

15           (c) Haulage roads on entries shall have a continuous, unobstructed clearance of at least  
16 24 inches from the farthest projection of any moving equipment on the clearance side.

17           (d) On haulage roads where trolley lines are used, the clearance shall be on the side  
18 opposite the trolley lines.

19           (e) On the trolley wire or "tight" side, there shall be at least 12 inches of clearance from  
20 the farthest projection of any moving equipment.

21           (f) Warning lights or reflective signs or tapes shall be installed along haulage roads at  
22 locations of abrupt or sudden changes in the overhead clearance.

23 (g) The clearance space on all haulage roads shall be kept free of loose rock, coal,  
24 supplies, or other material: *Provided*, That not more than 24 inches need be kept free of such  
25 obstructions.

26 (h) Ample clearance shall be provided at all points where supplies are loaded or unloaded  
27 along haulage roads or conveyors which in no event shall be less than 24 inches.

28 (i) Shelter holes shall be provided along haulage entries. Such shelter holes shall be  
29 spaced not more than 105 feet apart, except when variances are authorized by the director with  
30 unanimous agreement of the Mine Safety and Technical Review Committee. Shelter holes shall  
31 be on the side of the entry opposite the trolley wire except that shelter holes may be on the trolley  
32 wire and feeder wire side if the trolley wire and feeder wire are guarded in a manner approved by  
33 the director. The MSHA-approved plan shall serve as the state-approved plan governing the use  
34 of shelters: *Provided*, That the MSHA-approved plan shall comply with all other provisions of state  
35 mining law as set forth in state code or code of state rules.

36 (j) Shelter holes shall be at least five feet in depth, not more than four feet in width and  
37 as high as the traveling space, unless the director with unanimous agreement of the Mine Safety  
38 and Technical Review Committee grants a waiver. Room necks and crosscuts may be used as  
39 shelter holes even though their width exceeds four feet.

40 (k) Shelter holes shall be kept clear of refuse and other obstructions.

41 (l) Shelter holes shall be provided at switch throws and manually operated permanent  
42 doors.

43 (m) No steam locomotive shall be used in mines where miners are actually employed in  
44 the extraction of coal, but this shall not prevent operation of a steam locomotive through any  
45 tunnel haulway or part of a mine that is not in actual operation and producing coal.

46 (n) Underground equipment powered by internal combustion engines using petroleum  
47 products, alcohol, or any other compound shall not be used in a coal mine, unless the equipment  
48 is diesel-powered equipment approved, operated and maintained as provided in §22A-2-1 *et seq.*  
49 of this code.

50           (o) Locomotives, personnel carriers, mine cars, supply cars, shuttle cars, and all other  
51 haulage equipment shall be maintained in a safe operating condition. Each locomotive, personnel  
52 carrier, barrier tractor, and other related equipment shall be equipped with a suitable lifting jack  
53 and handle. An audible warning device and headlights shall be provided on each locomotive and  
54 each shuttle car. All other mobile equipment, using the face areas of the mine, shall be provided  
55 with a conspicuous light or other approved device so as to reduce the possibility of collision.

56           (p) No persons other than those necessary to operate a trip or car shall ride on any loaded  
57 car or on the outside of any car. Where pusher locomotives are not used, the locomotive operator  
58 shall have an assistant to assist him or her in his or her duties.

59           (q) The pushing of trips, except for switching purposes, is prohibited on main haulage  
60 roads: *Provided*, That nothing herein shall prohibit the use of a pusher locomotive to assist the  
61 locomotive pulling a trip. Motormen and trip riders shall use care in handling locomotives and  
62 cars. It shall be their duty to see that there is a conspicuous light on the front and rear of each trip  
63 or train of cars when in motion: *Provided, however*, That trip lights need not be used on cars being  
64 shifted to and from loading machines, or on cars being handled at loading heads during gathering  
65 operations at working faces. No person, other than the motorman and brakeman, should ride on  
66 a locomotive unless authorized by the mine foreman, and then only when safe riding facilities are  
67 provided. An empty car or cars shall be used to provide a safe distance between the locomotive  
68 and the material car when rail, pipe, or long timbers are being hauled. A safe clearance shall be  
69 maintained between the end car or trips placed on side tracks and moving traffic. On haulage  
70 roads the clearance point shall be marked with an approved device.

71           (r) No motorman, trip rider, or brakeman shall get on or off cars, trips, or locomotives while  
72 they are in motion, except that a trip rider or brakeman may get on or off the rear end of a slowly  
73 moving trip or the stirrup of a slowly moving locomotive to throw a switch, align a derail, or open  
74 or close a door.

75 (s) Flying or running switches and riding on the front bumper of a car or locomotive are  
76 prohibited. Back poling shall be prohibited except with precaution to the nearest turning point (not  
77 over 80 feet), or when going up extremely steep grades and then only at slow speed. The operator  
78 of a shuttle car shall face in the direction of travel except during the loading operation when he or  
79 she shall face the loading machine.

80 (t) (1) A system of signals, methods, or devices shall be used to provide protection for  
81 trips, locomotives, and other equipment coming out onto tracks used by other equipment.

82 (2) In any coal mine where more than 350 tons of coal are produced on any shift in each  
83 24-hour period, a dispatcher shall be on duty when there are movements of track equipment  
84 underground, including time when there is no production of coal. Such traffic shall move only at  
85 the direction of the dispatcher.

86 (3) The dispatcher's only duty shall be to direct traffic: *Provided*, That the dispatcher's  
87 duties may also include those of the responsible person required by §22A-2-42 of this code:  
88 *Provided, however*, That the dispatcher may perform other duties which do not interfere with his  
89 or her dispatching responsibilities and do not require him or her to leave the dispatcher's station  
90 except as approved by the Mine Safety and Technical Review Committee.

91 (4) Any dispatcher's station shall be on the surface.

92 (5) All self-propelled track equipment shall be equipped with two-way communications.

93 (u) Motormen shall inspect locomotives, and report any mechanical defects found to the  
94 proper supervisor before a locomotive is put in operation.

95 (v) A locomotive following another trip shall maintain a distance of at least 300 feet from  
96 the rear end of the trip ahead, unless such locomotive is coupled to the trip ahead.

97 (w) Positive stop blocks or derails shall be installed on all tracks near the top and at  
98 landings of shafts, slopes, and surface inclines. Positive-acting stop blocks or derails shall be  
99 used where necessary to protect persons from danger of runaway haulage equipment.

100 (x) Shuttle cars shall not be altered by the addition of sideboards so as to inhibit the view  
101 of the operator: *Provided*, That the addition of or use of sideboards on shuttle cars shall be  
102 permitted if the shuttle car is equipped with cameras: *Provided, however*, That shuttle cars with  
103 sideboards as manufactured by an equipment manufacturer shall be permitted to be used without  
104 the use of cameras if permitted by the director.

105 (y) Mining equipment shall not be parked within 15 feet of a check curtain or fly curtain.

106 (z) All self-propelled track haulage equipment shall be equipped with an emergency stop  
107 switch, self-centering valves, or other devices designed to de-energize the traction motor circuit  
108 in the event of an emergency. All track-mounted trolley equipment shall be equipped with trolley  
109 pole swing limiters or other means approved by the Mine Safety and Technical Review Committee  
110 to restrict movement of the trolley pole when it is disengaged from the trolley wire. Battery  
111 powered mobile equipment shall have the operating controls clearly marked to distinguish the  
112 forward and reverse positions.

**§22A-2-55. Protective equipment and clothing.**

1 (a) Welders and helpers shall use proper shields or goggles to protect their eyes. All  
2 employees shall have approved goggles or shields and use the same where there is a hazard  
3 from flying particles or other eye hazards.

4 (b) Employees engaged in haulage operations and all other persons employed around  
5 moving equipment on the surface and underground shall wear snug-fitting clothing.

6 (c) Protective gloves shall be worn when material which may injure hands is handled, but  
7 gloves with gauntleted cuffs shall not be worn around moving equipment.

8 (d) Safety hats and safety-toed shoes shall be worn by all persons while in or around a  
9 mine: *Provided*, That metatarsal guards are not required to be worn by persons when working in  
10 those areas of underground mine workings which average less than 48 inches in height as  
11 measured from the floor to the roof of the underground mine workings.

12 (e) Approved eye protection shall be worn by all persons while being transported in open-  
13 type man trips.

14 (f) (1) A self-contained self-rescue device approved by the director shall be worn by each  
15 person underground or kept within his or her immediate reach and the device shall be provided  
16 by the operator. The self-contained self-rescue device shall be adequate to protect a miner for  
17 one hour or longer. Each operator shall train each miner in the use of the device and refresher  
18 training courses for all underground employees shall be held once each quarter. Quarters shall  
19 be based on a calendar year.

20 (2) In addition to the requirements of §22A-2-55(f)(1) of this code, the operator shall also  
21 provide caches of additional self-contained self-rescue devices throughout the mine in  
22 accordance with a plan approved by the director. Each additional self-contained self-rescue  
23 device shall be adequate to protect a miner for one hour or longer. The total number of additional  
24 self-contained self-rescue devices, the total number of storage caches and the placement of each  
25 cache throughout the mine shall be established by rule pursuant to §22A-2-55(i) of this code. A  
26 luminescent sign with the words "SELF-CONTAINED SELF-RESCUER" or "SELF-CONTAINED  
27 SELF-RESCUERS" shall be conspicuously posted at each cache and luminescent direction signs  
28 shall be posted leading to each cache. Lifeline cords or other similar device, with reflective  
29 material at 25-foot intervals, shall be attached to each cache from the last open crosscut to the  
30 surface. The operator shall conduct weekly inspections of each cache and each lifeline cord or  
31 other similar device to ensure operability.

32 (3) Any person who, without the authorization of the operator or the director, knowingly  
33 removes or attempts to remove any self-contained self-rescue device or lifeline cord from the  
34 mine or mine site with the intent to permanently deprive the operator of the device or lifeline cord  
35 or knowingly tampers with or attempts to tamper with the device or lifeline cord is guilty of a felony  
36 and, upon conviction thereof, shall be imprisoned in a state correctional facility for not less than  
37 one year nor more than 10 years, or fined not less than \$10,000 nor more than \$100,000, or both  
38 imprisoned and fined.

39 (g) The MSHA-approved emergency response plan (ERP) shall serve as the state-  
40 approved plan governing the storage of self-contained self-rescuers (SCSR). At a minimum, three  
41 one-hour SCSRs shall be available for everyone reasonably likely to be on the working section at  
42 any given time. The director may issue a special assessment pursuant to §22A-1-21 of this code  
43 for failure to comply with this subsection.

44 (h)(1) A wireless emergency communication device approved by the director and provided  
45 by the operator shall be worn by each person underground: *Provided*, That if a miner's wireless  
46 emergency communications device shall malfunction or cease to operate then such miner shall  
47 be assigned to be in sight or sound of a certified miner until such time an operating device shall  
48 be delivered. The wireless emergency communication device shall, at a minimum, be capable of  
49 receiving emergency communications from the surface at any location throughout the mine. Each  
50 operator shall train each miner in the use of the device and provide refresher training courses for  
51 all underground employees during each calendar year. The operator shall install in or around the  
52 mine any and all equipment necessary to transmit emergency communications from the surface  
53 to each wireless emergency communication device at any location throughout the mine.

54 (2) Any person who, without the authorization of the operator or the director, knowingly  
55 removes or attempts to remove any wireless emergency communication device or related  
56 equipment from the mine or mine site with the intent to permanently deprive the operator of the  
57 device or equipment or knowingly tampers with or attempts to tamper with the device or equipment  
58 is guilty of a felony and, upon conviction thereof, shall be imprisoned in a state correctional facility  
59 for not less than one year nor more than 10 years, or fined not less than \$10,000 nor more than  
60 \$100,000, or both imprisoned and fined.

61 (i)(1) A wireless tracking device approved by the director and provided by the operator  
62 shall be worn by each person underground. In the event of an accident or other emergency, the  
63 tracking device shall, at a minimum, be capable of providing real-time monitoring of the physical  
64 location of each person underground: *Provided*, That no person shall discharge or discriminate

65 against any miner based on information gathered by a wireless tracking device during  
66 nonemergency monitoring. Each operator shall train each miner in the use of the device and  
67 provide refresher training courses for all underground employees during each calendar year. The  
68 operator shall install in or around the mine all equipment necessary to provide real-time  
69 emergency monitoring of the physical location of each person underground.

70 (2) The MSHA-approved ERP shall serve as the state-approved plan: *Provided*, That the  
71 MSHA-approved plan shall comply with all other provisions of state mining law as set forth in state  
72 code or the code of state rules.

73 (3) Any person who, without the authorization of the operator or the director, knowingly  
74 removes or attempts to remove any wireless tracking device or related equipment, approved by  
75 the director, from a mine or mine site with the intent to permanently deprive the operator of the  
76 device or equipment or knowingly tampers with or attempts to tamper with the device or equipment  
77 is guilty of a felony and, upon conviction thereof, shall be imprisoned in a state correctional facility  
78 for not less than one year nor more than 10 years, or fined not less than \$10,000 nor more than  
79 \$100,000, or both imprisoned and fined.

80 (j) The director shall promulgate emergency and legislative rules to implement and  
81 enforce this section pursuant to the provisions of §29A-3-1 *et seq.* of this code.

## **ARTICLE 2A. USE OF DIESEL-POWERED EQUIPMENT IN UNDERGROUND COAL MINES.**

### **PART X. EXISTING RULES TO BE REVISED.**

#### **§22A-2A-1001. Existing state rules to be revised.**

1 Unless otherwise revised, by August 31, 2018, the director shall revise state rules  
2 promulgated pursuant to the authority of this chapter as follows:

3 (1) To reflect the abolishment of the West Virginia Diesel Equipment Commission and  
4 transfer of duties and responsibilities to the director, pursuant to §22A-2A-301 of this code;

5 (2) To reflect that a mine operator shall be permitted to replace a filter or catalyst of the  
6 same make and model without contacting the Office of Miners' Health, Safety, and Training;

7 (3) To reflect that ASE certified diesel mechanics shall make repairs and adjustments to  
8 diesel fuel injection systems, engine timing, or exhaust emissions control and conditioning  
9 systems;

10 (4) To permit a mine operator to dispose of used intake air filters, exhaust diesel particulate  
11 matter filters, and engine oil filters in their original containers or other suitable enclosed containers  
12 and to remove them from the underground mine to the surface no less than once in a 24-hour  
13 period;

14 (5) To require that records of emissions tests, 200-hour maintenance tests, and repairs  
15 shall be countersigned once each week by the certified mine electrician or mine foreman, that  
16 scheduled maintenance and an independent analysis of engine oil occur at 200 hours of engine  
17 operation, and that diagnostic testing of engine operation occur at 200 hours;

18 (6) To remove the requirement that a portable carbon monoxide (CO) sampling device be  
19 installed into the untreated exhaust gas coupling provided in the operator's cab;

20 (7) To modify the time and duration for which the CO sampler must be started to measure  
21 and record CO levels from every minute for five minutes to every 30 seconds for 90 seconds;

22 (8) To modify the alternative condition by which equipment fails under 196 C. S. R. §1-21,  
23 to omit the reference to the average CO reading for untreated exhaust gas is greater than twice  
24 the baseline;

25 (9) To remove the requirement for eight hours of annual diesel equipment operator  
26 refresher training separate from that required by MSHA regulations; and

27 (10) To permit the use of diesel generators in underground mines so long as the generator  
28 is vented directly to the return and at least one person is present within sight and sound of the  
29 generator: *Provided*, That all current state rules and statutes relating to the use of diesel-powered  
30 equipment and electricity generation remain in force.



The Joint Committee on Enrolled Bills hereby certifies that the foregoing bill is correctly enrolled.

.....  
*Chairman, Senate Committee*

.....  
*Chairman, House Committee*

Originated in the Senate.

In effect 90 days from passage.

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*Clerk of the Senate*

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*Clerk of the House of Delegates*

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*President of the Senate*

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*Speaker of the House of Delegates*

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The within ..... this the.....  
Day of ....., 2018.

.....  
*Governor*