
WEST VIRGINIA ADMINISTRATIVE REGULATIONS

BOARD OF MINER TRAINING, EDUCATION AND CERTIFICATION

TITLE 48 SERIES 5

TITLE: RULES AND REGULATIONS GOVERNING THE STANDARDS FOR CERTIFICATION OF
BLASTERS FOR SURFACE COAL MINES AND SURFACE AREAS OF UNDERGROUND
COAL MINES

TYPE OF RULE: LEGISLATIVE

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TYPE OF RULE: Legislative

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TITLE 48 SERIES 5

TITLE: Rules and Regulations Governing the Standards for Certification of Blasters for Surface Coal Mines and Surface Areas of Underground Coal Mines

Section 48.5.1 General

1.1 Scope - These rules and regulations pertain to the certification of blasters for surface coal mines and surface areas of underground coal mines by the Division of Energy.

1.2 Authority - These rules and regulations are issued under authority of West Virginia Code Chapter 22, Article 9, Section 6, as amended, in accordance with the provisions of Chapter 29A, Article 3 of the West Virginia Code, and in accordance with the Resolution of Understanding by the Board of Miner Training, Education, and Certification, dated December 4, 1979.

1.3 Effective Date - These rules and regulations meet the requirements of Chapter 29A, Code of West Virginia, as amended, are promulgated on the ___ day of _____, 19___, and become effective on the ___ day of _____, 19___.

1.4 Filing Date - These rules and regulations were filed in the Office of the Secretary of State on the ___ day of _____, 19___.

1.5 Certification - These rules and regulations are certified authentic by the Commissioner of the Division of Energy for those portions under his jurisdiction.

Section 48.5.2 Definitions

2.1 Blast - Any and all detonator(s), explosive(s), and/or blasting agent(s) being initiated simultaneously by a single energy source.

2.2 Detonation - Any explosive reaction, also called a detonation wave, that moves through the material at a velocity greater than the speed of sound in the material.

2.3 Cerfitied - Shall mean a person who has successfully completed an examination in accordance with Section 5.3 of these rules and regulations, and is considered certified on record by the Division of Energy per Section 3.1 of these rules and regulations.

2.4 Explosive(s) - Any chemical compound, mixture or device, the primary or common purpose of which is to function by explosion; including, but not limited to, water gel, slurries, emulsions, dynamites, permissibles, pellet powder, blasting caps, cast primers and boosters, detonating cord, detonating cord delay connectors, and blasting agents.

2.5 Surface Mine and Surface Area of Underground Mines - Shall mean all areas surface mined or being surface mined, as well as adjacent areas ancillary to the operations, together with preparation and processing plants, storage areas and haulageways, roads, shops and trails, which are covered by the provisions of Chapter 22A, Article 3 of the Code of West Virginia, as amended.

2.6 Active Blasting Experience - Active blasting experience shall mean a person who actively worked on a blasting crew or supervised a blasting crew.

- (a) Active participation in activities associated with the handling, preparation, transportation and use of explosives or the immediate supervision of such activities within surface coal mines, and the surface areas of underground coal mines. Ideally, experience should have been related to surface mine blasting; however, other related blasting experience may be accepted on a case-by-case basis as appropriate.
- (b) "Worked on a blasting crew" shall mean that a person physically participated in the loading and wiring of blast holes.
- (c) "Supervised a blasting crew" shall mean that a person assumed responsibility for the conduct of a blasting crew (or crews) and the crew(s) reported directly to that person.

Section 48.5.3 Criteria for Certification of Blasters

3.1 Certified Blaster. (a) In every surface coal mine or surface area of any underground coal mine when blasting operations are being conducted ~~one year after the effective date of these regulations~~, a certified blaster will be responsible for the handling and use of explosives for each and every blast in accordance with the blasting plans approved for the permit. Each applicant for certification as a blaster shall:

- (1) Have had at least one year active blasting experience within the past five (5) years; and
- (2) ~~Hold a current permit issued by the State Fire Marshal's office;~~
and
- (3) Have demonstrated his knowledge and skill of the use, handling, and storage of explosives, and all State and Federal laws pertaining thereto by completing such training and certification examinations as may be required by these regulations.

(b) Training requirements shall include, but are not limited to, those subject areas set forth in Section 5.2(a)(1) and Section 5.3(a)(1) of these regulations, and the requirements of 30 CFR Part 48 for initial and annual refresher training. One year of active blasting experience, with on-the-job training, shall be required prior to certification.

Section 48.5.4 Certified Blaster Examiners/Inspectors

4.1 All persons employed by the Division of Energy, whose duties will include examining and certifying blasting personnel and/or inspecting blasting operations shall be certified blaster examiners/inspectors.

Section 48.5.5 Examinations

5.1 Certification under the provisions of Section 5.2 does not constitute certification under the provisions of Section 3.1; however, certification under Section 5.3 would suffice for certification under Section 4.

5.2 Examinations for Certified Blaster Examiners/Inspectors. (a) Examination for certified blaster examiner/inspector shall include information presented in the Study Guide for West Virginia Surface Mine Blasters, and shall consist of three parts:

- (1) Written multiple choice examination covering:
 - (a) Types of explosives and their properties, to include selection;
 - (b) Blasting equipment and accessories, to include blasting machines;
 - (c) Blast dimensions and calculations, to include geologic and topographic considerations, blast hole design, flyrock control, secondary blasting, and blast plans;
 - (d) Delay systems, to include pattern design, field layout, and initiation systems;
 - (e) Timing;
 - (f) Blast vibration and vibration control, to include airblast, monitoring techniques, and use of pre-blast surveys'
 - (g) Loading and shooting, to include priming, scheduling, site control, warning signals and unpredictable hazards;
 - (h) Storage and transportation of explosives;
 - (i) Record keeping and reporting;
 - (j) Current State and Federal laws and regulations relating to the use, storage and transportation of explosives, the training and certification of blasting personnel, and blasting signs; and
 - (k) Responsibilities of a certified blaster.
- (2) Written simulation. Correctly and properly completing a blasting log.
- (3) Hands-on simulation. Wiring, checking, and shooting a blast.

(b) A score of 70 percent (70%) for part (1), and satisfactory completion of parts (2) and (3) are required for successful passage of the examination. An individual who fails to achieve a passing score may retake the examination subject to the Division of Energy's direction.

5.3 Examination for Certified Blaster. (a) Examination for certified blaster shall include information presented in the Study Guide for West Virginia Surface Mine Blasters, and shall consist of three (3) parts:

- (1) Written multiple choice examination covering:
 - (a) Types of explosives and their properties, to include selections;
 - (b) Blasting equipment and accessories, to include blasting machines;
 - (c) Blast dimensions and calculations, to include geologic and topographic considerations, blast hole design, flyrock control, secondary blasting, and blast plans;
 - (d) Delay systems, to include pattern design, field layout, and initiation systems;
 - (e) Timing;
 - (f) Blast vibration and vibration control, to include airblast, monitoring techniques, and use of pre-blast surveys;
 - (g) Loading and shooting, to include priming, scheduling, site control, warning signals, and unpredictable hazards;
 - (h) Storage and transportation of explosives;
 - (i) Record keeping and reporting;
 - (j) Current State and Federal laws and regulations relating to the use, storage, and transportation of explosives; the training and certification of blasting personnel, and blasting signs; and
 - (k) Responsibilities of a certified blaster.
- (2) Written simulation. Correctly and properly completing a blasting log.
- (3) Hands-on simulation. Wiring, checking, and shooting a blast.

(b) A score of 80 percent (80%) for part (1), and a "passing grade" on parts (2) and (3), which are graded on a pass/fail basis, are required for successful passage of the examination.

(c) All individuals shall be notified of their scores within 30 days of completing the examination. An individual who fails to achieve a passing score of any of the three (3) parts of the examination, may apply within thirty (30) days of receipt of his examination results from the Division to retake the entire examination, or any portions the individual failed to pass.

Section 48.5.6 Certification Procedures

6.1 Conditions or Practices Prohibiting Certification. (a) Certification as a certified blaster shall not be issued to persons who:

- (1) Are currently addicted to alcohol, narcotics, or other dangerous drugs; or
- (2) Have exhibited a pattern of conduct inconsistent with acceptance of responsibility for blasting operations.

(b) Addition to, or unlawful use of, alcohol, narcotics, or other dangerous drugs in the work place shall cause any blaster's certification already in force to be suspended or revoked.

(c) A pattern of conduct which is not consistent with acceptance of responsibility for blasting operations, (i.e.: repeated or willful violations of State and Federal laws pertaining to explosives), shall be grounds for suspension or revocation of a blasters certification.

6.2 Application for Certification as a Certified Blaster. Prior to taking an examination for certification, an individual must submit an application to take such examination on a form prescribed by the Commissioner of the Division of Energy. Upon receipt of an application for examination, the Division shall, after determining compliance with the provisions of Section 3 of these regulations, notify the applicant of the date, time, and location of the scheduled examination. Prior to the effective date as shown in Section 1.3 of these rules and regulations, examinations will be scheduled based upon facility and manpower availability at the various division locations. Following the effective date as shown in Section 1.3 of these rules and regulations, examinations will be regularly scheduled on a monthly basis.

6.3 Certification. Upon determination that an applicant for certification has satisfactorily passed the examination, the Division shall, within 30 days of the examination date, issue to such individual a certificate indicating that he is a Certified Blaster.

Section 48.5.7 Recertification Requirements for Certified Blaster

7.1 Recertification. (a) Recertification of all certified blasters is required every three (3) years. Each applicant for recertification must be currently certified and submit validated documentation to the Division of Energy of conformance with the requirements of Section 3.1 of these rules and regulations on forms to be prescribed by the Commissioner.

(b) Validated proof of one shift of refresher training, as provided for in Section 3.1(b), within the previous 12 calendar months, must be submitted along with the other validation required by this section, unless the applicant's one year of active blasting experience was completed any time during the previous 12 calendar months.

(c) Compliance with 6.1 of these rules and regulations shall be required for recertification in the same manner as for certification.

7.2 Re-examination. No certified blaster shall be recertified two consecutive times unless, upon the second application, the applicant also successfully passes the examination as required in Section 5.3 of these rules and regulations.

Section 48.5.8 Presentation of Certificate; Transfer; and Delegation of Authority

8.1 (a) Upon certification, each blaster shall comply with Section 6 of the West Virginia Division of Energy's Administrative Regulations, Chapter 22-4, Title 36, Series 24, formerly Series 37.

(b) Upon request of an authorized representative of the Commissioner of the West Virginia Division of Energy; or, Director, Office of Surface Mining, U.S. Department of the Interior, a certified blaster shall exhibit his or her certificate to the requesting representative.

(c) The certified blaster shall take all reasonable means to protect his certificate from loss or unauthorized duplication, and shall immediately report any such loss or duplication to the Division of Energy.

8.2 Transfer. Blaster's certifications shall not be transferred or assigned.

8.3 Delegation of Authority. Certified blasters shall not delegate their authority or responsibility to any individual who is not a certified blaster in accordance with these rules and regulations.

8.4 Withdrawal of Certification. Pursuant to Chapter 22A, Article 1A, Section 29, the Commissioner of the Division of Energy may initiate proceedings charging a person certified in accordance with Chapter 22A, Article 3, Section 31, with neglect or failure to perform duties mandated by Chapter 22A, Article 1A and 2, and regulations promulgated thereto; Chapter 22A, Article 3, and regulations promulgated thereto; or, these rules and regulations.

Section 48.5.9 Blasting Crew

9.1 Persons who are not certified and who are assigned to a blasting crew, or assist in the use of explosives, shall receive directions and on-the-job training from a certified blaster.

Section 48.5.10 Reciprocity With Other States

10.1 Upon a recommendation by the Board of Miner Training, Education, and Certification, the Commissioner may enter into a reciprocal agreement with other states wherein persons holding a valid certification in the state may apply for certification in West Virginia, and upon approval by the Board, be certified without undergoing the training or examination requirements set forth in these regulations.

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Miners
Bill Energy, Blasters 48-5

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H. B. 4271

(By Delegate Grubb)

(Introduced January 27, 1992; referred to the

Committee on the Judiciary)

10 A BILL to amend and reenact section four, article three, chapter
11 sixty-four of the code of West Virginia, one thousand nine
12 hundred thirty-one, as amended, relating to authorizing the
13 division of energy to promulgate legislative rules relating
14 to standards for certification of blasters for surface coal
15 mines and surface areas of underground coal mines.

16 Be it enacted by the Legislature of West Virginia:

17 That section four, article three, chapter sixty-four of the
18 code of West Virginia, one thousand nine hundred thirty-one, as
19 amended, be amended and reenacted, to read as follows:

20 ARTICLE 3. AUTHORIZATION FOR DEPARTMENT OF COMMERCE, LABOR AND
21 ENVIRONMENTAL RESOURCES TO PROMULGATE LEGISLATIVE RULES.

22 §64-3-4. Division of energy.

23 (a) The legislative rules filed in the state register on the
24 thirty-first day of March, one thousand nine hundred eighty-two,

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1 relating to the department of mines (energy) (mine safety
2 program), are authorized.

3 (b) The legislative rules filed in the state register on the
4 seventeenth day of August, one thousand nine hundred
5 eighty-three, relating to the department of energy (governing the
6 safety of those employed in and around surface mines), are
7 authorized.

8 (c) The legislative rules filed in the state register on the
9 seventh day of December, one thousand nine hundred eighty-three,
10 relating to the office of oil and gas, department of mines
11 (energy), (oil and gas and other wells), are authorized with the
12 amendment set forth below:

13 Page viii, place an * in front of section 32.02.

14 Page ix, after section 35.04 add the following:

15 "*35.05 Extra Powers of the Administrator.....64."

16 Page 1, section 1.03 in the list of additional regulations,
17 add 35.05; in the list of revised regulations, add 32.02, 32.03
18 and 33.00.

19 Page 52, section 32.04 and section 32.05 add at the end of
20 (ii) the words "and (iii) definition of proration unit."

21 Page 53, section 33 after the word "definitions" add the
22 following sentence: "The following definitions are applicable to
23 these regulations used for purposes of implementing the Natural
24 Gas Policy Act of 1978 and are not intended to be used in any
25 other context."

1 Page 55, section 33.02 (b)(16) after the word "formations" in
2 the third lines of (i) and (ii), add the words "for which a well
3 has been."

4 Page 64, after section 35.04 add the following section:
5 35.05 Extra Powers of the Administrator.

6 "The administrator may also certify or provide a waiver for a
7 well located within a proration unit as defined in 32.02 (b)(16)
8 or any other well sought to be certified under these regulations
9 after notice and hearing."

10 (d) The legislative rules filed in the state register on the
11 eleventh day of August, one thousand nine hundred eighty-six,
12 modified by the director of the division of oil and gas of the
13 department of energy to meet the objections of the legislative
14 rule-making review committee and refiled in the state register on
15 the fifteenth day of December, one thousand nine hundred
16 eighty-six, relating to the director of the division of oil and
17 gas of the department of energy (oil and gas wells and other
18 wells), are authorized.

19 (e) The legislative rules filed in the state register on the
20 eleventh day of August, one thousand nine hundred eighty-six,
21 modified by the director of the oil and gas division of the
22 department of energy to meet the objections of the legislative
23 rule-making review committee and refiled in the state register on
24 the fifteenth day of December, one thousand nine hundred
25 eighty-six, relating to the director of the division of oil and

1 gas of the department of energy (certification of gas wells), are
2 authorized.

3 (f) The legislative rules filed in the state register on the
4 eleventh day of August, one thousand nine hundred eighty-six,
5 modified by the director of the division of oil and gas of the
6 department of energy to meet the objections of the legislative
7 rule-making review committee and refiled in the state register on
8 the fifteenth day of December, one thousand nine hundred
9 eighty-six, relating to the director of the division of oil and
10 gas of the department of energy (underground injection control),
11 are authorized.

12 (g) The legislative rules filed in the state register on the
13 eleventh day of August, one thousand nine hundred eighty-six,
14 modified by the director of the division of oil and gas of the
15 department of energy to meet the objections of the legislative
16 rule-making review committee and refiled in the state register on
17 the fifteenth day of December, one thousand nine hundred
18 eighty-six, relating to the director of the division of oil and
19 gas of the department of energy (state national pollutant
20 discharge elimination system (NPDES) program), are authorized.

21 (h) The legislative rules filed in the state register on the
22 fourteenth day of November, one thousand nine hundred eighty-six,
23 modified by the commissioner of the department of energy to meet
24 the objections of the legislative rule-making review committee
25 and refiled in the state register on the sixteenth day of

1 December, one thousand nine hundred eighty-six, relating to the
2 commissioner of the department of energy (standards for
3 certification of coal mine electricians), are authorized with the
4 following amendments:

5 "Page one, §2.1, subsection (a), following the second word,
6 'electrician' by striking the colon and inserting the following:
7 'under the supervision required by section 4.1(d) of these
8 rules'" and a colon.

9 Page one, §2.1, subsection (a), by deleting all of
10 subdivision (6) and renumbering the subsequent subdivisions.

11 Page two, §2.1, subsection (a), by deleting all of
12 subdivision (9).

13 Page two, §2.1, subsection (b), by deleting all of
14 subdivision (14) and inserting in lieu thereof a new subdivision
15 (14) to read as follows: "(14) Replace blown fuses on trolley
16 poles and nips."

17 Page five, §4.1, subsection (d), line three, following the
18 words "certified electrician prior" by inserting the words "to
19 any work being performed and again prior."

20 (i) The legislative rules filed in the state register on the
21 fifteenth day of December, one thousand nine hundred eighty-six,
22 modified by the commissioner of the department of energy to meet
23 the objections of the legislative rule-making review committee
24 and refiled in the state register on the twenty-first day of
25 January, one thousand nine hundred eighty-seven, relating to the

1 commissioner of the department of energy (safety training program
2 for prospective underground coal miners in West Virginia), are
3 authorized.

4 (j) The legislative rules filed in the state register on the
5 eleventh day of August, one thousand nine hundred eighty-six,
6 modified by the commissioner of the department of energy to meet
7 the objections of the legislative rule-making review committee
8 and refiled in the state register on the fifteenth day of
9 December, one thousand nine hundred eighty-six, relating to the
10 commissioner of the department of energy (miscellaneous water
11 pollution control), are authorized.

12 (k) The legislative rules filed in the state register on the
13 eleventh day of August, one thousand nine hundred eighty-six,
14 modified by the commissioner of the department of energy to meet
15 the objections of the legislative rule-making review committee
16 and refiled in the state register on the fifteenth day of
17 December, one thousand nine hundred eighty-six, relating to the
18 commissioner of the department of energy (dam control), are
19 authorized.

20 (l) The legislative rules filed in the state register on the
21 eleventh day of August, one thousand nine hundred eighty-six,
22 modified by the commissioner of the department of energy to meet
23 the objections of the legislative rule-making review committee
24 and refiled in the state register on the fifteenth day of
25 December, one thousand nine hundred eighty-six, relating to the

1 commissioner of the department of energy (solid waste
2 management), are authorized.

3 (m) The legislative rules filed in the state register on the
4 eleventh day of August, one thousand nine hundred eighty-six,
5 modified by the commissioner of the department of energy to meet
6 the objections of the legislative rule-making review committee
7 and refiled in the state register on the fifteenth day of
8 December, one thousand nine hundred eighty-six, relating to the
9 commissioner of the department of energy (hazardous waste
10 management), are authorized.

11 (n) The legislative rules filed in the state register on the
12 twentieth day of April, one thousand nine hundred eighty-seven,
13 relating to the commissioner of the department of energy (roof
14 control), are authorized.

15 (o) The legislative rules filed in the state register on the
16 third day of April, one thousand nine hundred eighty-seven,
17 relating to the department of energy (standards for certification
18 of underground belt examiners for underground coal mines), are
19 authorized.

20 (p) The legislative rules filed in the state register on the
21 ninth day of April, one thousand nine hundred eighty-seven,
22 relating to the commissioner of the department of energy
23 (performance standards for blasting on surface mines), are
24 authorized.

1 (q) The legislative rules filed in the state register on the
2 twelfth day of January, one thousand nine hundred eighty-seven,
3 modified by the commissioner of the department of energy to meet
4 the objections of the legislative rule-making review committee
5 and refiled in the state register on the twentieth day of
6 February, one thousand nine hundred eighty-seven, relating to the
7 commissioner of the department of energy (state national
8 pollutant discharge elimination system (NPDES) for mines and
9 minerals), are authorized.

10 (r) The Legislature hereby authorizes and directs the
11 department of energy to promulgate the procedural rules filed in
12 the state register on the twenty-first day of October, one
13 thousand nine hundred eighty-seven, relating to the department of
14 energy (requests for information) with the amendments set forth
15 below:

16 On page two, subsection 3.1, by striking subdivision (d) and
17 renumbering the remaining subdivisions.

18 And,

19 On page three, section 6, by striking all of subsection 6.1
20 and inserting in lieu thereof, the following:

21 "6.1 The department shall establish fixed rate fees for
22 reproduction of documents, records, and files on the basis of the
23 actual cost of such reproduction and shall document such costs:
24 Provided, That where total costs are less than five dollars, no
25 fee shall be charged."

1 (s) The legislative rules filed in the state register on the
2 twelfth day of May, one thousand nine hundred eighty-seven,
3 modified by the commissioner of the department of energy to meet
4 the objections of the legislative rule-making review committee
5 and refiled in the state register on the fourteenth day of
6 August, one thousand nine hundred eighty-seven, relating to the
7 commissioner of the department of energy (blasters certification
8 for surface coal mines and surface areas of coal mines), are
9 authorized.

10 (t) The legislative rules filed in the state register on the
11 twentieth day of January, one thousand nine hundred eighty-eight,
12 modified by the commissioner of the department of energy to meet
13 the objections of the legislative rule-making review committee
14 and refiled in the state register on the twenty-eighth day of
15 November, one thousand nine hundred eighty-eight, relating to the
16 commissioner of the department of energy (abandoned mine
17 reclamation), are authorized.

18 (u) The legislative rules filed in the state register on the
19 nineteenth day of September, one thousand nine hundred
20 eighty-eight, and modified to meet the objections of the West
21 Virginia Legislature and refiled in the state register on the
22 sixth day of April, one thousand nine hundred eighty-nine,
23 relating to the commissioner of the department of energy (West
24 Virginia surface mining reclamation regulations (repealer)), are
25 authorized.

1. (v) The legislative rules filed in the state register on the
2 sixteenth day of November, one thousand nine hundred eighty-nine,
3 modified by the department of energy to meet the objections of
4 the legislative rule-making review committee and refiled in the
5 state register on the ninth day of January, one thousand nine
6 hundred ninety, relating to the department of energy (submission
7 and approval of a comprehensive mine safety program for coal
8 mining operations in the State of West Virginia), are authorized.

9 (w) The legislative rules filed in the state register on the
10 sixteenth day of November, one thousand nine hundred eighty-nine,
11 modified by the division of energy to meet the objections of the
12 legislative rule-making review committee and refiled in the state
13 register on the twenty-fifth day of January, one thousand nine
14 hundred ninety, relating to the division of energy (surface
15 mining reclamation), are authorized with the amendments set forth
16 below:

17 On page 64, section 3.25(a)(2), after the words "section 18
18 of the Act and paragraph" by deleting the "(c)" and inserting in
19 lieu thereof the following: "(a), (b), (c), (d), (i), (j), and
20 (k)."

21 And,

22 On page 148, section 12.4(d)(2), by deleting the current
23 language and inserting in lieu thereof the following:

24 "(2) In the event the Commissioner is unable to collect the
25 costs from the permittee, the Commissioner shall in a timely

1 manner but not later than one hundred eighty days after
2 forfeiture of the site-specific bond utilize moneys in the
3 Special Reclamation Fund created by Subsection (g), Section 11 of
4 the Act, to accomplish the completion of reclamation, including
5 the requirements of Section 23 of the Act and Subsection 14.5 of
6 these regulations governing water quality."

7 (x) The legislative rules filed in the state register on the
8 twenty-fifth day of May, one thousand nine hundred ninety,
9 modified by the division of energy to meet the objections of the
10 legislative rule-making review committee and refiled in the state
11 register on the seventeenth day of July, one thousand nine
12 hundred ninety, relating to the division of energy (miscellaneous
13 water pollution control), are authorized.

14 (y) The legislative rules filed in the state register on the
15 first day of November, one thousand nine hundred ninety, modified
16 by the division of energy to meet the objections of the
17 legislative rule-making review committee and refiled in the state
18 register on the twenty-second day of January, one thousand nine
19 hundred ninety-one, relating to the division of energy (West
20 Virginia surface mining and reclamation regulations), are
21 authorized with the amendment set forth below:

22 On page one hundred fifty-three, section 12.2(c)(4), after
23 the number "(4)", by inserting the words "For permits issued
24 after the effective date of these regulations,".

1 (z) The legislative rules filed in the state register on the
2 eleventh day of July, one thousand nine hundred ninety-one,
3 modified by the division of energy to meet the objections of the
4 legislative rule-making review committee and refiled in the state
5 register on the twenty-second day of October, one thousand nine
6 hundred ninety-one, relating to the division of energy (standards
7 for certification of blasters for surface coal mines and surface
8 areas of underground coal mines) are authorized.

9

10 NOTE: The purpose of this bill is to authorize the Division
11 of Energy to promulgate legislative rules relating to standards
12 for certification of blasters for surface coal mines and surface
13 areas of underground coal mines.

14

15 Strike-throughs indicate language that would be stricken from
16 the present law, and underscoring indicates new language that
17 would be added.