

and carry away methane and other explosive gases within such areas and to protect the active workings of the mine from the hazards of such methane and other explosive gases. Air coursed through underground areas from which pillars have been wholly or partially extracted which enters another split of air shall not contain more than 2.0 volume per centum of methane, when tested at the point it enters such other split. When sealing is required, such seals shall be made in an approved manner so as to isolate with explosion-proof bulkheads such areas from the active workings of the mine.

(3) In the case of mines opened on or after the operative date of this subchapter, or in the case of working sections opened on or after such date in mines opened prior to such date, the mining system shall be designed in accordance with a plan and revisions thereof approved by the Secretary and adopted by such operator so that, as each working section of the mine is abandoned, it can be isolated from the active workings of the mine with explosion-proof seals or bulkheads.

(Pub. L. 91-173, title III, §303, Dec. 30, 1969, 83 Stat. 767.)

Editorial Notes

REFERENCES IN TEXT

For the operative date of this subchapter, referred to in subsecs. (b), (l), (o), (q), (r), (t), (y), and (z)(2), (3), see section 509 of Pub. L. 91-173, set out as an Effective Date note under section 801 of this title.

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE

Section operative 90 days after Dec. 30, 1969, except to the extent an earlier date is specifically provided for in Pub. L. 91-173, see section 509 of Pub. L. 91-173, set out as a note under section 801 of this title.

BELT HAULAGE ENTRIES FOR VENTILATION

Pub. L. 110-161, div. G, title I, §112(a), Dec. 26, 2007, 121 Stat. 2168, provided that: "Not later than June 20, 2008, the Secretary of Labor shall propose regulations pursuant to section 303(y) of the Federal Mine Safety and Health Act of 1977 [30 U.S.C. 863(y)], consistent with the recommendations of the Technical Study Panel established pursuant to section 11 of the Mine Improvement and New Emergency Response (MINER) Act (Public Law 109-236) [enacting section 963 of this title], to require that in any coal mine, regardless of the date on which it was opened, belt haulage entries not be used to ventilate active working places without prior approval from the Assistant Secretary. Further, a mine ventilation plan incorporating the use of air coursed through belt haulage entries to ventilate active working places shall not be approved until the Assistant Secretary has reviewed the elements of the plan related to the use of belt air and determined that the plan at all times affords at least the same measure of protection where belt haulage entries are not used to ventilate working places. The Secretary shall finalize the regulations not later than December 31, 2008."

§ 864. Combustible materials and rock dusting

(a) Accumulations; maintenance

Coal dust, including float coal dust deposited on rock-dusted surfaces, loose coal, and other combustible materials, shall be cleaned up and not be permitted to accumulate in active workings, or on electric equipment therein.

(b) Abatement of hazards in active working areas

Where underground mining operations in active workings create or raise excessive amounts of dust, water or water with a wetting agent added to it, or other no less effective methods approved by the Secretary or his authorized representative, shall be used to abate such dust. In working places, particularly in distances less than forty feet from the face, water, with or without a wetting agent, or other no less effective methods approved by the Secretary or his authorized representative, shall be applied to coal dust on the ribs, roof, and floor to reduce dispersibility and to minimize the explosion hazard.

(c) Rock dusting of all areas of underground mines; exceptions

All underground areas of a coal mine, except those areas in which the dust is too wet or too high in incombustible content to propagate an explosion, shall be rock dusted to within forty feet of all working faces, unless such areas are inaccessible or unsafe to enter or unless the Secretary or his authorized representative permits an exception upon his finding that such exception will not pose a hazard to the miners. All crosscuts that are less than forty feet from a working face shall also be rock dusted.

(d) Distribution of rock dust; places, quantities

Where rock dust is required to be applied, it shall be distributed upon the top, floor, and sides of all underground areas of a coal mine and maintained in such quantities that the incombustible content of the combined coal dust, rock dust, and other dust shall be not less than 65 per centum, but the incombustible content in the return aircourses shall be no less than 80 per centum. Where methane is present in any ventilating current, the per centum of incombustible content of such combined dusts shall be increased 1.0 and 0.4 per centum for each 0.1 per centum of methane where 65 and 80 per centum, respectively, of incombustibles are required.

(e) Limitation of applicability

Subsections (b) through (d) of this section shall not apply to underground anthracite mines.

(Pub. L. 91-173, title III, §304, Dec. 30, 1969, 83 Stat. 774.)

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE

Section operative 90 days after Dec. 30, 1969, except to the extent an earlier date is specifically provided for in Pub. L. 91-173, see section 509 of Pub. L. 91-173, set out as a note under section 801 of this title.

§ 865. Electrical equipment

(a) Allowable equipment; replacements; maintenance; permits for noncompliance; renewals; limitations; list of electric face equipment; survey of new and rebuilt equipment; publication of results

(1) Effective one year after the operative date of this subchapter—

(A) all junction or distribution boxes used for making multiple power connections in by the last open crosscut shall be permissible;