

**Mine Safety and Health Admin., Labor**

**§ 75.500-1**

the air in such amounts as to create the potential of an explosion hazard.

**§ 75.402 Rock dusting.**

[STATUTORY PROVISION]

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 40 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 40 feet from a working face shall also be rock dusted.

**§ 75.402-1 Definition.**

The term *too wet* means that sufficient natural moisture is retained by the dust that when a ball of finely divided material is squeezed in the hands water is exuded.

**§ 75.402-2 Exceptions.**

Exceptions granted under § 75.402 by the Secretary or his authorized representative shall be reviewed periodically.

**§ 75.403 Maintenance of incombustible content of rock dust.**

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 80 percent. Where methane is present in any ventilating current, the percent of incombustible content of such combined dust shall be increased 0.4 percent for each 0.1 percent of methane.

[75 FR 57857, Sept. 23, 2010; 76 FR 35978, June 21, 2011]

**§ 75.403-1 Incombustible content.**

Moisture contained in the combined coal dust, rock dust and other dusts shall be considered as a part of the incombustible content of such mixture.

**§ 75.404 Exemption of anthracite mines.**

[STATUTORY PROVISION]

Sections 75.401, 75.402, and 75.403 shall not apply to underground anthracite mines.

**Subpart F—Electrical Equipment—General**

**§ 75.500 Permissible electric equipment.**

[STATUTORY PROVISION]

On and after March 30, 1971:

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

(b) All handheld electric drills, blower and exhaust fans, electric pumps, and such other low horsepower electric face equipment as the Secretary may designate on or before May 30, 1970, which are taken into or used in by the last open crosscut of any coal mine shall be permissible;

(c) All electric face equipment which is taken into or used in by the last open crosscut of any coal mine classified under any provision of law as gassy prior to March 30, 1970, shall be permissible; and

(d) All other electric face equipment which is taken into or used in by the last crosscut of any coal mine, except a coal mine referred to in § 75.501, which has not been classified under any provision of law as a gassy mine prior to March 30, 1970, shall be permissible.

**§ 75.500-1 Other low horsepower electric face equipment.**

Other low horsepower electric face equipment designated pursuant to the provisions of § 75.500(b) is all other electric-driven mine equipment, except low horsepower rock dusting equipment, and employs an electric current supplied by either a power conductor or battery and consumes not more than 2,250 watts of electricity and which is taken into or used in by the last open crosscut.