



# Coal mine regulations on the use of rock drills

When does a coal mine need firefighting equipment?

On and after September 30,1971,each operator of a coal mine shall provide an adequate supply of firefighting equipment which is adapted to the size and suitable for use under the conditions present on the surface at the mine. [36 FR 9364,May 22,1971,as amended at 36 FR 13143,July 15,1971]

What is a coal mine health and safety plan?

(a) Each operator of a coal mine shall prepare and submit for approval by the Coal Mine Health and Safety District Manager for the district in which the mine is located,a plan providing for the safety of workmen in each slope or shaftthat is commenced or extended after June 30,1971. The plan shall be consistent with prudent engineering design.

How deep can a rock drilling hole be drilled?

depths generally do not exceed 100 feet. The cuttings from rock drilling generally make good stemming material. Compressed air is used to flush these cuttings from the hole. Drilling is frequently the most expensive operation in a surface mine. The cost justifies careful study and experiment to determine the most efficient hole diameter,spacing and

What does the Mine Act do?

The Mine Act gives the Secretary of Labor authority to develop, promulgate, and revise health or safety standards for the protection of life and prevention of injuries in the nation's mines. Notice documents that include Petitions for Modification of existing Standards, Information Collections, and Public Meetings.

How do I apply for a mine safety certification?

Applications for certification by the Secretary should be submitted in writingto the Mine Safety and Health Administration,Certification and Qualification Center,P.O. Box 25367,Denver Federal Center,Denver,Colorado 80225. [36 FR 9364,May 22,1971,as amended at 43 FR 12320,Mar. 24,1978; 54 FR 30515,July 20,1989]

What are the safe job procedures for drill operation?

recommended safe job procedures for drill operation. It is designed for use in the training of dril operators and helpers. Where the dril crew is also involved in explosives transport should be used in conjunction with this module. excavators, drilling and blasting of the overburden is necessary. Highwall drills are used

&#167; 57.1 Purpose and scope. This part 57 sets forth mandatory safety and health standards for each underground metal or nonmetal mine, including related surface operations, subject to the ...

Short title, extend and applications (1) These regulations may be called the Metalliferous Mines Regulations,



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1961. They extend to the whole of India 2[\*\*\*] They shall apply to every mine of ...

This part 77 sets forth mandatory safety standards for bituminous, anthracite, and lignite surface coal mines, including open pit and auger mines, and to the surface work areas of underground ...

1 MINES, 2018 S-15.1 REG 8 The Mines Regulations, 2018 being Chapter S-15.1 Reg 8 (effective April 6, 2019). NOTE: This consolidation is not official. Amendments have ...

New Delhi, the 27th November, 2017. G.S.R. 1449(E).--Whereas the draft of certain regulations which the Central Government proposes to make, in exercise of the powers conferred by ...

The Code of Federal Regulations (CFR) is published and updated annually by the Office of the Federal Register. MSHA rules are in Title 30 of the CFR, Mineral ...

Title Code of Federal Regulations: Dust Collectors For Use In Connection With Rock Drilling In Coal Mines, 30 C.F.R. (1976)

Australia continues to streamline business, policy and investment processes that, in combination with a proven record of environmental, social, financial, legal and political stability, make ...

This Guideline for Bolting and Drilling Plant in Mines - Part 1 Bolting Plant for Strata Support in Underground Coal Mines has been compiled to assist in formulating a management system ...

In order to promote the safety in coal mines by eliminating the hazards of rock dust in coal mines, it is hereby made the duty of every person or persons, partnership, association, corporation, ...

&#167; 33.1 Purpose. The regulations in this part set forth the requirements for dust collectors used in connection with rock drilling in coal mines to procure their certification as permissible for use in ...

Blasting is an integral part of surface mining operations. To uncover coal reserves, the rocks overlying the coal are broken with explosives and ...

PDF | On Nov 23, 2015, C. Karpuz and others published Drilling and Blasting in Coal Mining | Find, read and cite all the research you need on ResearchGate

In this article we will discuss about the types of drilling methods used in mining. The types are: 1. Percussive Drilling 2. Rotary Drilling. Method # 1. Percussive Drilling: In this method which is ...

Approval Approval of dust suppression/prevention devices fitted in drilling and boring equipment used in coal mines under regulation 123 (6) (b) (ii) of Coal Mines Regulations, 1957



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70.1 Scope. This part 70 sets forth mandatory health standards for each underground coal mine subject to the Federal Mine Safety and Health Act of 1977, as amended.

Coal Program Minerals Program - Construction Materials Minerals Program - Hard Rock/Metal/Designated Mining Operations Mine Safety and Training Program Mined Land ...

MSHA's authorizing Statute governs our mine safety and health programs. Current Legislation Mine Safety and Health Deskbook | En espa#241;ol Key ...

General Drill Hole Abandonment Requirements. All drill holes sunk for the purpose of conducting exploration, including those drilled within the permit area of a surface coal mining and ...

An underground drill rig is a machine used for deep drilling. They help create blast holes, extract minerals, and ensure the stability of underground structures. More importantly, these rigs are ...

The guide is intended to help the site senior executive for a coal mine identify the matters mentioned in subsection (3) for preparing the coal mine's safety and health management [s 7] ...

Title Code of Federal Regulations: Dust Collectors For Use In Connection With Rock Drilling In Coal Mines, 30 C.F.R. (1982)

Government-approved permits are required for all new and ongoing mining operations, including exploration activities. This permitting process ensures that environmental standards are ...

Drilling and blasting are crucial steps in open-pit coal mining. Geological surveys and planning precede these operations, determining drill hole placement and explosive patterns. Drills, like ...

This booklet should be read in conjunction with the MinEx Extractive Industry Safe Drill and Blast in Surface Operations code of practice, the Health and Safety at Work Act 2015; the HSWA ...

DMRM responsibilities include the regulation of oil and gas production, surface and underground mining of coal and industrial minerals, and reclamation activities. The division also plugs ...

Explore the complex landscape of regulations on coal mining, including federal and state laws, environmental impacts, and safety requirements shaping the industry.

SAFETY IN COAL MINES Coal mining poses several inherent, operational and occupational hazards and associated risks to the work persons. Hence, safety is always an utmost priority ...



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Low Profile Drill Rigs Low profile drill rigs are mining drills that are built at a low elevation so they can enter more confined spaces that regular drills cannot ...

Flexibility must be maintained in a drilling operation to adjust for changing strata and mining conditions. Penetration rates are an indication of rock hardness, which affects blasthole ...

This Code should be read in conjunction with the Health and Safety at Work Act 2015; the HSWA (Mining and Quarrying) Regulations 2022 (the Regulations); AS 2187.2-2006 Explosives - ...

4.6 (2) The employer of every underground coal mine must take reasonable measures to ensure that the competent person referred to in regulation 4.4 (1) does not fire an explosive charge in ...

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