

Specification for

Construction and testing of miners' caplamps in relation to the risk of explosion, for mines susceptible to firedamp

This European Standard EN 50033:1991 has the status of a
British Standard

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Amendments issued since publication

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National foreword

This British Standard has been prepared under the joint direction of the General Electrotechnical Standards Policy Committee and the Mining Requisites Standards Policy Committee and is the English language version of EN 50033, “*Electrical apparatus for potentially explosive atmospheres. Caplights for mines susceptible to firedamp*”.

This British Standard revises and supersedes BS 6881:1988, which is withdrawn. *Certification*. Attention is drawn to the Health and Safety at Work etc. Act 1970, the Factories Act 1961, the Mines and Quarries Act 1954, the Regulations made under these Acts and also any other appropriate statutory requirements or Byelaws. These place responsibility for complying with specific safety requirements on the manufacturer and the user.

The recognized authority in the United Kingdom (there are other recognized authorities in other countries) for the certification and approval of Group I (coal mining) electrical equipment for use in mines under its jurisdiction is:

Health and Safety Executive
Mining Equipment Certification Service
Harpur Hill
Buxton, Derbyshire
SK17 9JN

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Electrical apparatus, potentially explosive atmosphere, explosive atmosphere, explosion proofing, mines susceptible to firedamp, caplight

English version

Electrical apparatus for potentially explosive atmospheres Caplights for mines susceptible to firedamp

Matériel électrique pour atmosphères
explosibles
Lampes-chapeau pour les mines grisouteuses

Elektrische Betriebsmittel für
explosionsgefährdete Bereiche
Kopfleuchten für schlagwetter-gefährdete
Grubenbaue

This European Standard was approved by CENELEC on 10 December 1990. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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