

Caplights for use in mines susceptible to firedamp —

Part 2: Performance and other safety-related matters

The European Standard EN 62013-2:2006 has the status of a British Standard

ICS 29.260.20

National foreword

This British Standard was published by BSI. It is the UK implementation of EN 62013-2:2006. It is identical with IEC 62013-2:2005. It supersedes BS EN 62013-2:2001 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee GEL/31, Equipment for explosive atmospheres, to Subcommittee GEL/31/14, Types of protection “e” and “n”.

A list of organizations represented on GEL/31/14 can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 29 September 2006

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Amendments issued since publication

Amd. No.	Date	Comments

English version

**Caplights for use in mines susceptible to firedamp
Part 2: Performance and other safety-related matters
(IEC 62013-2:2005)**

Lampes-chapeaux utilisables
dans les mines grisouteuses
Partie 2: Performance et autres sujets
relatifs à la sécurité
(CEI 62013-2:2005)

Kopfleuchten für die Verwendung
in schlagwettergefährdeten Grubenbauen
Teil 2: Gebrauchstauglichkeit
und Sicherheit
(IEC 62013-2:2005)

This European Standard was approved by CENELEC on 2006-02-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 31/586A/FDIS, future edition 2 of IEC 62013-2, prepared by IEC TC 31, Equipment for explosive atmospheres, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62013-2 on 2006-02-01.

This European Standard supersedes EN 62013-2:2000.

The general revision and updating of EN 62013-2:2000 is a result of feedback from the manufacturers and the certifiers following the use of the standard. Its purpose is clarification and the elimination of any ambiguities. Account has also been taken of changes in related standards.

Apart from the general revision and updating, the main technical differences from EN 62013-2:2000 are Clause 5 to accommodate new LED technology and reflector / lens design and to allow calculation as an alternative to testing, and, as a result, simplification of the illumination type test in Clause 8.

The following dates were fixed:

- | | | |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2007-02-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2009-02-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62013-2:2005 was approved by CENELEC as a European Standard without any modification.

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Normative references to international publications with their corresponding European publications