

Electrically insulating helmets for use on low voltage installations

The European Standard EN 50365:2002 has the status of a British Standard

ICS 13.340.20; 13.260

National foreword

This British Standard is the official English language version of EN 50365:2002.

The UK participation in its preparation was entrusted to Technical Committee PEL/78, Tools for live working, which has the responsibility to:

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English version

Electrically insulating helmets for use on low voltage installations

Casques électriquement isolants
pour utilisation sur installations
à basse tension

Elektrisch isolierende Helme für Arbeiten
an Niederspannungsanlagen

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CENELEC

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

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Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 78, Equipment and tools for live working.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50365 on 2001-07-01.

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) 2002-11-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2004-08-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes A, B, C and ZA are normative and annex D is informative.

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 89/686/EEC.

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1 Scope

This standard is applicable to electrically insulating helmets used for working live or close to live parts on installations not exceeding 1 000 V a.c. or 1 500 V d.c.

These helmets, when used in conjunction with other electrically insulating protective equipment prevent dangerous current from passing through persons via their head.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 397:1995 + A1:2000	Industrial safety helmets
EN 443:1997	Helmets for fire fighters
EN 960:1994 + A1:1998	Headforms for use in the testing of protective helmets
EN 60060-2:1994 + A11:1998	High-voltage test techniques -- Part 2: Measuring systems (IEC 60062-2:1994)
EN 60529:1991 + A1:2000	Degrees of protection provided by enclosures (IP Code)
EN/ISO 9000 (Series)	Quality management and quality assurance standards
HD 437 S1:1984	Standard conditions for use prior to and during the testing of solid electrical insulating materials (IEC 60212:1971)
HD 588.1 S1:1991	High-voltage test techniques -- Part 1: General definitions and test requirements (IEC 60060-1:1989 + corrigendum March 1990)
IEC 60050-151:2001	International Electrotechnical Vocabulary -- Part 151: Electrical and magnetic devices
IEC 61318:1994	Live working - Guidelines for quality assurance plans
ISO 2859-1:1999	Sampling procedures for inspection by attributes -- Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection
ISO 2859-2:1985	Sampling procedures for inspection by attributes -- Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection
ISO/DIS 6344-1:1998	Coated abrasives -- Grain size analysis -- Part 1: Grain size distribution test