

Matches — Performance requirements, safety and classification

The European Standard EN 1783:1997, including amendment A1:2002, has the status of a British Standard

ICS 97.180

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee CW/32, Matches and lighters, upon which the following bodies were represented:

- Association of British Lighter Manufacturers
- British Retail Consortium
- Chief and Assistant Chief Fire Officers' Association
- Consumer Policy Committee of BSI
- Department of Trade and Industry (Consumer Safety Unit)
- Institute of Trading Standards Administration
- Loss Prevention Council
- Society of British Match Manufacturers
- Writing Instruments Association

This British Standard, having been prepared under the direction of the Consumer Products and Services Sector Board, was published under the authority of the Standards Board and comes into effect on 15 October 1997

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National foreword

This British Standard has been prepared by Technical Committee CW/32 and is the English language version of EN 1783:1997, including amendment A1:2002, published by the European Committee for Standardization (CEN).
BS EN 1783:1997 supersedes BS 3795:1990 which is withdrawn.

Cross-references

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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 17 and a back cover.

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English version

Matches — Performance requirements, safety and classification

(includes amendment A1:2002)

Allumettes — Exigences de performance, sécurité et classification
(inclut l'amendement A1:2002)

Zündhölzer — Funktionsanforderungen, Sicherheit und Klassifikation
(enthält Änderung A1:2002)

This European Standard was approved by CEN on 1997-01-05 and amendment A1 was approved by CEN on 2002-11-01. CEN 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 CEN member.

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CEN

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

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Foreword

This European Standard has been prepared by CEN/CS.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 1997, and conflicting national standards shall be withdrawn at the latest by August 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Foreword to amendment A1

This document EN 1783:1997/A1:2002 has been prepared by CMC.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2003, and conflicting national standards shall be withdrawn at the latest by June 2003.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This European Standard specifies requirements for the safety, performance, classification and marking of matches, together with their match containers, available to the general public free of charge or in return for payment.

It gives:

- the necessary tests to establish compliance with these requirements;
- a sampling procedure to enable the selection of individual matches and match containers for test;
- an acceptable quality level for matches and match containers within a sample.

It relates the acceptable quality level to the category of hazard considered to result from failure to comply with the requirements.

The standard is applicable to all matches where requirements and tests are followed according to the classification and definition of the matches under examination.

The requirements of this standard also apply to dedicated matches. However, those clauses which, when complied with, clearly render the match ineffective for its specific purpose are not applicable in this case.

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.

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection*.

ISO 2859-3, *Sampling procedures for inspection by attributes — Part 3: Skip-lot procedures*.

ISO 6341:1989, *Water quality — Determination of the inhibition of mobility of *Daphnia magna* Straus (Cladocera, Crustacea)*

3 Definitions

For the purposes of this standard, the following definitions apply:

3.1 match

stem tipped in combustible material that provides support during ignition and the fuel for its continued burning

3.1.1

conventional match (hereafter referred to as “match”)

match which is not a special purpose product such as a windproof or a water resistant match

3.1.2

dedicated match

match intended and identified for a specific purpose (windproof or waterproof)

3.2

striking surface

surface against which matches are struck to light them

3.3

match container

unit for retaining the matches and incorporating the means for igniting these in the form of a striking surface

NOTE 1 Matches are available in containers the most typical of which are boxes and books.

NOTE 2 Typical features of matches and match containers referred to in this standard are exemplified for box matches in Figure A.1. Similar features exist in other types of matches.