

Test methods for direct arc furnaces —

(Implementation of CENELEC
HD 598 S1)

UDC 621.783.2:620.1

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The preparation of this British Standard was entrusted by the Power Electrical Engineering Standards Policy Committee (PEL/-) to Technical Committee PEL/87, upon which the following bodies were represented:

- Association of Manufacturers Allied to the Electrical and Electronic Industry (BEAMA Ltd.)
- British Glass Manufacturers' Confederation
- British Industrial Furnace Constructors' Association
- British National Committee for Electroheat
- British Steel plc
- Electric Trace Heating Industry Council (ETHIC)
- Electricity Association
- Energy Industries Council
- Engineering Equipment and Materials Users' Association
- Engineering Industries Association
- Health and Safety Executive
- Induction and Dielectric Heating Manufacturers' Association
- Institution of Electrical Engineers
- Lighting Industry Federation Ltd.

This British Standard, having been prepared under the direction of the Power Electrical Engineering Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 September 1993

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National foreword

This British Standard has been prepared under the direction of the Power Electrical Engineering Standards Policy Committee and is the English language implementation of CENELEC HD 598 S1 *Test methods for direct arc furnaces*. It is identical to IEC 676:1980, published by the International Electrotechnical Commission (IEC).

The graphics signs, symbols and letters used may be found in the following documents.

BS 3939, *Graphic symbols for electrical power, telecommunications and electronics diagrams — Part 1:1986 General information, general index — Part 2: 1985 Symbol elements, qualifying symbols and other symbols having general applications — Part 3:1985 Conductors and connecting devices*.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the HD title page, pages 2 to 14, 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: Test, electric arc furnace, direct arc

English version

Test methods for direct arc furnaces

(IEC 676:1980)

Méthodes d'essai des fours à arc direct
(CEI 676:1980)

Prüfverfahren für Lichtbogen-Schmelzöfen
(IEC 676:1980)

This Harmonization Document was approved by CENELEC on 1991-12-10. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

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

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

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Foreword

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 676:1980 could be accepted without textual changes, has shown that no CENELEC common modifications were necessary for the acceptance as Harmonization Document.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as HD 598 S1 on 10 December 1991.

The following dates were fixed:

- latest date of announcement of the HD at national level (doa) 1992-06-01
- latest date of publication of a harmonized national standard (dop) 1992-12-01
- latest date of withdrawal of conflicting national standards (dow) 1992-12-01

For products which have complied with the relevant national standard before 1992-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1997-12-01.

Annexes designated “normative” are part of the body of the standard. In this standard, Annex ZA is normative.

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