
Test methods for submerged arc furnaces

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HARMONIZATION DOCUMENT

HD 599 S1

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

January 1992

UDC 621.78.012.5:621.365:620.1

Descriptors: Test, electric arc furnace, submerged arc

ENGLISH VERSION

TEST METHODS FOR SUBMERGED-ARC FURNACES
(IEC 683:1980)

Méthodes d'essai des fours
à arc submergé
(CEI 683:1980)

Prüfverfahren für
Lichtbogen-Reduktionsöfen
(IEC 683:1980)

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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 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

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

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Ref. No. HD 599 S1:1992 E

FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 683:1980 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 599 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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ENDORSEMENT NOTICE

The text of the International Standard IEC 683:1980 was approved by CENELEC as a Harmonization Document without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

<u>IEC</u> <u>Publication</u>	<u>Date</u>	<u>Title</u>	<u>EN/HD</u>	<u>Date</u>
50(841)	1983	International Electrotechnical Vocabulary (I.E.V.) Chapter 841: Industrial electroheating (being prepared)	-	-
398	1972	General test conditions for industrial electroheating equipment	HD 353 S1	1977
676	1980	Test methods for direct arc furnaces	HD 598 S1	1992

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Première édition
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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

TEST METHODS FOR SUBMERGED-ARC FURNACES

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

PREFACE

This standard has been prepared by IEC Technical Committee No. 27: Industrial Electroheating Equipment.

A first draft was discussed at the meeting held in Ankara in 1975. As a result of this meeting, a draft, Document 27(Central Office)36, was submitted to the National Committees for approval under the Six Months' Rule in October 1976. Amendments, Document 27(Central Office)49, were submitted to the National Committees for approval under the Two Months' Procedure in January 1979.

The National Committees of the following countries voted explicitly in favour of publication:

Austria	Norway
Canada	Poland
Denmark	Romania
Egypt	South Africa (Republic of)
France	Spain
Germany	Turkey
Hungary	Union of Soviet
Italy	Socialist Republics
Japan	United Kingdom
Netherlands	Yugoslavia

Other IEC publications quoted in this standard:

- Publications Nos. 50(841): International Electrotechnical Vocabulary (I.E.V.), Chapter 841: Industrial Electroheating (*being prepared*).
- 398: General Test Conditions for Industrial Electroheating Equipment.
- 676: Test Methods for Direct Arc Furnaces.