ILNAS

Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN IEC 60676:2024

Industrial electroheating equipment - Test methods for direct arc furnaces

Chauffage électrique industriel - Méthodes d'essai des fours à arc direct

Industrielle Elektrowärmeanlagen - Prüfverfahren für Lichtbogen-Schmelzöfen

04/2024

National Foreword

This European Standard EN IEC 60676:2024 was adopted as Luxembourgish Standard ILNAS-EN IEC 60676:2024.

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- Participate in the design of standards
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60676

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Supersedes EN 60676:2012

English Version

Industrial electroheating equipment - Test methods for direct arc furnaces (IEC 60676:2024)

Chauffage électrique industriel - Méthodes d'essai des fours à arc direct (IEC 60676:2024)

Industrielle Elektrowärmeanlagen - Prüfverfahren für Lichtbogen-Schmelzöfen (IEC 60676:2024)

This European Standard was approved by CENELEC on 2024-04-03. 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 CEN-CENELEC Management Centre or to any CENELEC member.

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

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 27/1181/FDIS, future edition 4 of IEC 60676, prepared by IEC/TC 27 "Industrial electroheating and electromagnetic processing" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60676:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2025-01-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-04-03

This document supersedes EN 60676:2012 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 60676:2024 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

The Bibliography of EN 60398:2015 is applicable with the following addition:

IEC 60076 (series) NOTE Approved as EN 60076 (series)

IEC 60146-1-1 NOTE Approved as EN 60146-1-1

IEC 60683:2011 NOTE Approved as EN 60683:2012 (not modified)

IEC 61869 (series) NOTE Approved as EN IEC 61869 (series)

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60398	2015	Installations for electroheating and electromagnetic processing - General performance test methods	EN 60398	2015
IEC 60519-1	-	Safety in installations for electroheating and electromagnetic processing - Part 1: General requirements	EN IEC 60519-1	-
IEC 60519-4	2021	Safety in installations for electroheating and electromagnetic processing - Part 4: Particular requirements for arc furnace installations	EN IEC 60519-4	2022
ISO 13578	-	Industrial furnaces, and associated processing equipment - Safety requirements for machinery and equipment for production of steel by electric arc furnaces	-	-

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