



SLOVENSKI STANDARD SIST EN IEC 60779:2020

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Nadomešča:
SIST EN 60779:2007

Naprave za električno ogrevanje in elektromagnetno obdelavo - Preskusne metode za peči za pretaljevanje žilindre (IEC 60779:2020)

Installations for electroheating and electromagnetic processing - Test methods for electroslag remelting furnaces (IEC 60779:2020)

Elektroerwärmungsanlagen und Anlagen für elektromagnetische Bearbeitungsprozesse - Prüfverfahren für Elektroschlacke-Umschmelzöfen (IEC 60779:2020)

Installations pour traitement électrothermique et électromagnétique - Méthodes d'essai des fours de refusion sous laitier électroconducteur (IEC 60779:2020)

Ta slovenski standard je istoveten z: EN IEC 60779:2020

ICS:

25.180.10 Električne peči Electric furnaces

SIST EN IEC 60779:2020 en

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EUROPEAN STANDARD

EN IEC 60779

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August 2020

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Supersedes EN 60779:2005 and all of its amendments
and corrigenda (if any)

English Version

Installations for electroheating and electromagnetic processing - Test methods for electroslag remelting furnaces (IEC 60779:2020)

Installations pour traitement électrothermique et
électromagnétique - Méthodes d'essai des fours de refusion
sous laitier électroconducteur
(IEC 60779:2020)

Elektroerwärmungsanlagen und Anlagen für
elektromagnetische Bearbeitungsprozesse - Prüfverfahren
für Elektroschlacke-Umschmelzöfen
(IEC 60779:2020)

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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.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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

EN IEC 60779:2020 (E)**European foreword**

The text of document 27/1128/FDIS, future edition 3 of IEC 60779, 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 60779:2020.

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) 2021-04-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-07-21

This document supersedes EN 60779:2005 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice
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The text of the International Standard IEC 60779:2020 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the notes in EN 60398:2015 have to be added for the standards indicated.

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.cenelec.eu.

Annex ZA of EN 60398:2015 is applicable except as follows:

Add the following references:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60398	2015	Installations for electroheating and electromagnetic processing - General performance test methods	EN 60398	2015
IEC 60519-8	-	Safety in installations for electroheating and electromagnetic processing - Part 8: Particular requirements for electroslag remelting furnaces	EN IEC 60519-8	-
IEC 60676	2011	Industrial electroheating equipment - Test methods for direct arc furnaces	EN 60676	2012

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IEC 60779

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Installations for electroheating and electromagnetic processing – Test methods
for electroslag remelting furnaces

Installations pour traitement électrothermique et électromagnétique – Méthodes
d'essai des fours de refusion sous laitier électroconducteur

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INSTALLATIONS FOR ELECTROHEATING
AND ELECTROMAGNETIC PROCESSING –
TEST METHODS FOR ELECTROSLAG REMELTING FURNACES**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as “IEC Publication(s)”). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60779 has been prepared by IEC technical committee 27: Industrial electroheating and electromagnetic processing.

This third edition cancels and replaces the second edition published in 2005. It constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- the structure has been redrafted according to IEC 60398:2015;
- the scope and object have been redrafted;
- the terms/definitions, normative references and bibliography have been updated and completed;
- all test methods and content from IEC 60779:2005 that have been included in IEC 60398:2015 have been removed to avoid any duplication.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
27/1128/FDIS	27/1130/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

This standard is to be read in conjunction with IEC 60398:2015. It supplements or modifies the corresponding clauses of IEC 60398:2015. Where the text indicates a "modification" of, "addition" to or a "replacement" of the relevant provision of IEC 60398:2015, these changes are made to the relevant text of IEC 60398:2015. Where no change is necessary, the words "This clause of IEC 60398:2015 is applicable" are used. When a particular subclause of IEC 60398:2015 is not mentioned in this standard, that subclause applies as far as is reasonable. When a particular subclause of IEC 60398:2015 is not applicable, the word "Void" is used.

Additional specific provisions to those in IEC 60398:2015, given as individual clauses or subclauses, are numbered starting from 101.

NOTE The following numbering system is used:

- subclauses, tables and figures that are numbered starting from 101 are additional to those in IEC 60398:2015;
- unless notes are in a new subclause or involve notes in IEC 60398:2015, they are numbered starting from 101, including those in a replaced clause or subclause;
- additional annexes are lettered AA, BB, etc.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.