SLOVENSKI STANDARD
SIST EN IEC 60404-18:2025

01-junij-2025

Magnetni materiali - 18. del: Materiali za permanentne (trdomagnetne) magnete - Metode merjenja magnetnih lastnosti v odprtem magnetnem krogu z uporabo superprevodnega magneta (IEC 60404-18:2025)

Magnetic materials - Part 18: Permanent magnet (magnetically hard) materials - Methods of measurement of the magnetic properties in an open magnetic circuit using a superconducting magnet (IEC 60404-18:2025)

Magnetische Werkstoffe - Teil 18: Permanentmagnetische (magnetisch harte) Werkstoffe - Verfahren zur Messung der magnetischen Eigenschaften in einem offenen Magnetkreis mit Hilfe eines supraleitenden Magneten (IEC 60404-18:2025)

Matériaux magnétiques - Partie 18: Matériaux (magnétiques durs) pour aimants permanents - Méthodes de mesure des propriétés magnétiques en circuit magnétique ouvert à l'aide d'un aimant supraconducteur (IEC 60404-18:2025)

Ta slovenski standard je istoveten z: **EN IEC 60404-18:2025**

ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
29.030	Magnetni materiali	Magnetic materials

SIST EN IEC 60404-18:2025 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 17.220.20; 29.030

English Version

Magnetic materials - Part 18: Permanent magnet (magnetically hard) materials - Methods of measurement of the magnetic properties in an open magnetic circuit using a superconducting magnet (IEC 60404-18:2025)

Matériaux magnétiques - Partie 18: Matériaux (magnétiques durs) pour aimants permanents - Méthodes de mesure des propriétés magnétiques en circuit magnétique ouvert à l'aide d'un aimant supraconducteur (IEC 60404-18:2025)

Magnetische Werkstoffe - Teil 18: Permanentmagnetische (magnetisch harte) Werkstoffe - Verfahren zur Messung der magnetischen Eigenschaften in einem offenen Magnetkreis mit Hilfe eines supraleitenden Magneten (IEC 60404-18:2025)

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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.

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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

European foreword

The text of document 68/768/CDV, future edition 1 of IEC 60404-18, prepared by TC 68 "Magnetic alloys and steels" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60404-18:2025.

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) 2026-04-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2028-04-30

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Endorsement notice

The text of the International Standard IEC 60404-18:2025 was approved by CENELEC as a European Standard without any modification.

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 60050-121	1998	International Electrotechnical Vocabulary (IEV) - Part 121: Electromagnetism	-	-
IEC 60050-151	-	International Electrotechnical Vocabulary (IEV)- Part 151: Electrical and magnetic devices	-	-
IEC 60050-221	1990	International Electrotechnical Vocabulary (IEV) -- Chapter 221: Magnetic materials and components	-	-
IEC 60404-5	-	Magnetic materials - Part 5: Permanent magnet (magnetically hard) materials - Methods of measurement of magnetic properties	EN 60404-5	-
IEC 60404-8-1	-	Magnetic materials - Part 8-1: Specifications for individual materials - Permanent magnet (magnetically hard) materials	EN IEC 60404-8-1	-