

STN	Meranie jednosmerných magnetických polí, striedavých magnetických a elektrických polí od 1 Hz do 100 kHz vzhľadom na expozíciu ľudí Časť 1: Požiadavky na prístroje Zmena A1	STN EN 61786-1/A1 36 7080
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Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/24

STN EN 61786-1 zo septembra 2014 sa bez tejto zmeny A1 môže používať do 28. 8. 2027.

Obsahuje: EN 61786-1:2014/A1:2024, IEC 61786-1:2013/AMD1:2024

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61786-1:2014/A1

September 2024

ICS 17.220.20

English Version

**Measurement of DC magnetic, AC magnetic and AC electric
fields from 1 Hz to 100 kHz with regard to exposure of human
beings - Part 1: Requirements for measuring instruments
(IEC 61786-1:2013/AMD1:2024)**

Mesure de champs magnétiques continus et de champs
magnétiques et électriques alternatifs dans la plage de
fréquences de 1 Hz à 100 kHz dans leur rapport à
l'exposition humaine - Partie 1: Exigences applicables aux
instruments de mesure
(IEC 61786-1:2013/AMD1:2024)

Messung von magnetischen Gleichfeldern und von
elektrischen und magnetischen Wechselfeldern von 1 Hz
bis 100 kHz im Hinblick auf die Exposition von Personen -
Teil 1: Anforderungen an Messgeräte
(IEC 61786-1:2013/AMD1:2024)

This amendment A1 modifies the European Standard EN 61786-1:2014; it was approved by CENELEC on 2024-08-28. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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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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 61786-1:2014/A1:2024 (E)**European foreword**

The text of document 106/647/FDIS, future edition 1 of IEC 61786-1/AMD1, prepared by TC 106 "Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61786-1:2014/A1:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2025-05-28 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-08-28 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 61786-1:2013/AMD1:2024 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 61000-6-2 NOTE Approved as EN IEC 61000-6-2

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.

Add the following reference:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-6-1	2016	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments	EN IEC 61000-6-1	2019



IEC 61786-1

Edition 1.0 2024-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

HORIZONTAL PUBLICATION
PUBLICATION HORIZONTALE

AMENDMENT 1
AMENDEMENT 1

**Measurement of DC magnetic, AC magnetic and AC electric fields from 1 Hz to 100 kHz with regard to exposure of human beings –
Part 1: Requirements for measuring instruments**

**Mesure de champs magnétiques continus et de champs magnétiques et électriques alternatifs dans la plage de fréquences de 1 Hz à 100 kHz dans leur rapport à l'exposition humaine –
Partie 1: Exigences applicables aux instruments de mesure**

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IEC 61786-1

Edition 1.0 2024-07

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MEASUREMENT OF DC MAGNETIC, AC MAGNETIC AND
AC ELECTRIC FIELDS FROM 1 Hz TO 100 kHz WITH REGARD
TO EXPOSURE OF HUMAN BEINGS –****Part 1: Requirements for measuring instruments****AMENDMENT 1****FOREWORD**

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Amendment 1 to IEC 61786-1:2013 has been prepared by IEC technical committee 106: Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure.

IEC 61786-1:2013/AMD1:2024
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The text of this Amendment is based on the following documents:

Draft	Report on voting
106/647/FDIS	106/655/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications/.

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2 Normative references

Add the following new reference:

IEC 61000-6-1:2016, *Electromagnetic compatibility (EMC) – Part 6-1: Generic standards – Immunity standard for residential, commercial and light-industrial environments*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN