
Postopki merjenja nivojev magnetnih polj, ki jih generirata elektronska in električna oprema v motornih vozilih, glede na izpostavljenost ljudi - 1. del: Nizkofrekvenčno magnetno polje

Measurement procedures of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure - Part 1: Low frequency magnetic fields

Measurement procedures of magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure

Ta slovenski standard je istoveten z: EN IEC 62764-1:2022

ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
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EN IEC 62764-1

October 2022

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English Version

**Measurement procedures of magnetic field levels generated by
electronic and electrical equipment in the automotive
environment with respect to human exposure - Part 1: Low-
frequency magnetic fields
(IEC 62764-1:2022)**

Procédures de mesure de l'exposition humaine aux niveaux
de champs magnétiques générés par les accessoires
électroniques et électriques dans l'environnement
automobile - Partie 1: Champs magnétiques à basse
fréquence
(IEC 62764-1:2022)

Verfahren für die Messung von magnetischen Feldern, die
von elektrischen und elektronischen Geräten und
Einrichtungen in der Straßenfahrzeugumgebung erzeugt
werden, in Bezug auf die Exposition von Personen - Teil 1:
Niederfrequente magnetische Felder
(IEC 62764-1:2022)

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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 62764-1:2022 (E)**European foreword**

The text of document 106/575/FDIS, future edition 1 of IEC 62764-1, prepared by IEC/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 IEC 62764-1:2022.

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

ISO/IEC 17025 NOTE Harmonized as EN ISO/IEC 17025

IEC 62226-1 NOTE Harmonized as EN 62226-1

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61786-1	-	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	EN 61786-1	-
IEC 62311	2019	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)	EN IEC 62311	2020

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NORME INTERNATIONALE



Measurement procedures of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure –

Part 1: Low-frequency magnetic fields

Procédures de mesure de l'exposition humaine aux niveaux de champs magnétiques générés par les accessoires électroniques et électriques dans l'environnement automobile –

Partie 1: Champs magnétiques à basse fréquence

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MEASUREMENT PROCEDURES OF MAGNETIC FIELD LEVELS GENERATED BY ELECTRONIC AND ELECTRICAL EQUIPMENT IN THE AUTOMOTIVE ENVIRONMENT WITH RESPECT TO HUMAN EXPOSURE –

Part 1: Low-frequency magnetic fields

FOREWORD

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IEC 62764-1 has been prepared by IEC technical committee 106: Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure. It is an International Standard.

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

Draft	Report on voting
106/575/FDIS	106/579/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 International Standard 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/standardsdev/publications.

A list of all parts in the IEC 62764 series, published under the general title *Measurement procedures of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure*, can be found on the IEC website.

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

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- withdrawn,
- replaced by a revised edition, or
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INTRODUCTION

This document specifies a methodology for determining the exposure to multiple magnetic field sources for passenger cars and light commercial vehicles including standardized operating conditions and measurement volumes and/or surfaces.

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