



**SLOVENSKI STANDARD**  
**SIST EN IEC 60645-6:2022**

**01-junij-2022**

**Nadomešča:**  
**SIST EN 60645-6:2010**

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**Elektroakustika - Avdiometrična oprema - 6. del: Instrumenti za merjenje ušesnoakustičnih emisij (IEC 60645-6:2022)**

Electroacoustics - Audiometric equipment - Part 6: Instruments for the measurement of otoacoustic emissions (IEC 60645-6:2022)

Akustik - Audiometer - Teil 6: Geräte zur Messung von otoakustischen Emissionen (IEC 60645-6:2022)

Electroacoustique - Equipements audiométriques - Partie 6: Instruments pour la mesure des émissions otoacoustiques (IEC 60645-6:2022)

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**Ta slovenski standard je istoveten z: EN IEC 60645-6:2022**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
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**EN IEC 60645-6**

April 2022

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Supersedes EN 60645-6:2010

English Version

**Electroacoustics - Audiometric equipment - Part 6: Instruments  
for the measurement of otoacoustic emissions  
(IEC 60645-6:2022)**

Electroacoustique - Appareils audiométriques - Partie 6:  
Instruments pour la mesure des émissions otoacoustiques  
(IEC 60645-6:2022)

Akustik - Audiometer - Teil 6: Geräte zur Messung von  
otoakustischen Emissionen  
(IEC 60645-6:2022)

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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 60645-6:2022 (E)****European foreword**

The text of document 29/1109/FDIS, future edition 2 of IEC 60645-6, prepared by IEC/TC 29 "Electroacoustics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60645-6:2022.

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) 2023-01-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-04-14

This document supersedes EN 60645-6:2010 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 60645-6:2022 was approved by CENELEC as a European Standard without any modification.

2022

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

ISO 389-6      NOTE      Harmonized as EN ISO 389-6

## 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60318-4	-	Electroacoustics - Simulators of human head and ear - Part 4: Occluded-ear simulator for the measurement of earphones coupled to the ear by means of ear inserts	EN 60318-4	-
IEC 60318-5	-	Electroacoustics - Simulators of human head and ear - Part 5: 2 cm <sup>3</sup> coupler for the measurement of hearing aids and earphones coupled to the ear by means of ear inserts	EN 60318-5	-
IEC 60601-1	-	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance	EN 60601-1	-
IEC 60601-1-2	-	Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests	EN 60601-1-2	-
IEC 60645-1	2017	Electroacoustics - Audiometric equipment - Part 1: Equipment for pure-tone and speech audiometry	EN 60645-1	2017
IEC 60645-3	2020	Electroacoustics - Audiometric equipment - Part 3: Test signals of short duration	EN IEC 60645-3	2020
ISO/IEC Guide 98-3	-	Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)	-	-

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

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**iTeh STANDARD**

**Electroacoustics – Audiometric equipment –  
Part 6: Instruments for the measurement of otoacoustic emissions**

**Électroacoustique – Appareils audiométriques –  
Partie 6: Instruments pour la mesure des émissions otoacoustiques**

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**ELECTROACOUSTICS –  
AUDIOMETRIC EQUIPMENT –****Part 6: Instruments for the measurement of otoacoustic emissions**

## FOREWORD

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IEC 60645-6 has been prepared by IEC technical committee 29: Electroacoustics. It is an International Standard.

This second edition cancels and replaces the first edition published in 2009. This edition constitutes a technical revision.

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

- a) the nominal test frequency used in DPOAE is now defined as the higher of the two frequencies,  $f_2$ ;
- b) the permitted deviation of the stimulus signal for TEOAE has been specified;
- c) the frequency range for DPOAE stimulus signals has been redefined,
- d) the stimulus level requirements for TEOAE have been redefined;
- e) the stimulus level requirements for DPOAE have been redefined;

- f) the harmonic distortion requirements for DPOAE have been redefined;
- g) a minimum measurement range for DPOAE has been added.

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

Draft	Report on voting
29/1109/FDIS	29/1114/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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at <http://www.iec.ch/standardsdev/publications>.

A list of all parts in the IEC 60645 series, published under the general title *Electroacoustics – Audiometric equipment*, 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](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

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