



SLOVENSKI STANDARD

SIST EN 62464-2:2011

01-april-2011

Oprema za magnetno resonanco za medicinsko slikanje - 2. del: Klasifikacijska merila za impulzna zaporedja (IEC 62464-2:2010)

Magnetic resonance equipment for medical imaging - Part 2: Classification criteria for pulse sequences (IEC 62464-2:2010)

Magnetresonanzgeräte für die medizinische Bildgebung - Teil 2: Klassifizierungskriterien für Pulssequenzen (IEC 62464-2:2010)

Appareils à résonance magnétique utilisés pour l'imagerie médicale - Partie 2: Critères de classification pour les séquences d'impulsions (CEI 62464-2:2010)

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Ta slovenski standard je istoveten z: **EN 62464-2:2011**

ICS:

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62464-2

February 2011

ICS 11.040.55

English version

**Magnetic resonance equipment for medical imaging -
Part 2: Classification criteria for pulse sequences
(IEC 62464-2:2010)**

Appareils à résonance magnétique utilisés
pour l'imagerie médicale -
Partie 2: Critères de classification pour les
séquences d'impulsions
(CEI 62464-2:2010)

Magnetresonanzgeräte für die
medizinische Bildgebung -
Teil 2: Klassifizierungskriterien für
Pulssequenzen
(IEC 62464-2:2010)

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This European Standard was approved by CENELEC on 2011-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 62B/807/FDIS, future edition 1 of IEC 62464-2, prepared by SC 62B, Diagnostic imaging equipment, of IEC TC 62, Electrical equipment in medical practice, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62464-2 on 2011-02-01.

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

The following dates were fixed:

- | | | |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2011-11-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2014-02-01 |

In this standard, the following print types are used:

- Requirements and definitions: roman type.
- *Test specifications: italic type.*
- Informative material appearing outside of tables, such as notes, examples and references: in smaller type. Normative text of tables is also in a smaller type.
- TERMS DEFINED IN CLAUSE 3 OF THE GENERAL STANDARD, IN THIS PARTICULAR STANDARD OR AS NOTED: SMALL CAPITALS.

The verbal forms used in this standard conform to usage described in Annex H of the ISO/IEC Directives, Part 2. For the purposes of this standard, the auxiliary verb:

- “shall” means that compliance with a requirement or a test is mandatory for compliance with this standard;
- “should” means that compliance with a requirement or a test is recommended but is not mandatory for compliance with this standard;
- “may” is used to describe a permissible way to achieve compliance with a requirement or test.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62464-2:2010 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 referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60601-2-33	2010	Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis	EN 60601-2-33 + corr. October	2010 2010
IEC/TR 60788	2004	Medical electrical equipment - Glossary of defined terms	-	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Magnetic resonance equipment for medical imaging –
Part 2: Classification criteria for pulse sequences**

**Appareils à résonance magnétique utilisés pour l'imagerie médicale –
Partie 2: Critères de classification pour les séquences d'impulsions**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MAGNETIC RESONANCE EQUIPMENT FOR MEDICAL IMAGING –**Part 2: Classification criteria for pulse sequences**

FOREWORD

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International Standard IEC 62464-2 has been prepared by subcommittee 62B: Diagnostic imaging equipment, of IEC technical committee 62: Electrical equipment in medical practice.

The text of this standard is based on the following documents:

FDIS	Report on voting
62B/807/FDIS	62B/816/RVD

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

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