Irish Standard
I.S. EN 61223-3-5:2004

Evaluation and routine testing in medical imaging departments - Part 3-5: Acceptance tests - Imaging performance of computed tomography X-ray equipment

I.S. EN 61223-3-5:2004

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:	*Published:*
EN 61223-3-5:2004	2004-09-23

This document was published under the authority of the NSAI and comes into effect on:	ICS number:
2015-02-19	NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD **EN 61223-3-5**

NORME EUROPÉENNE

EUROPÄISCHE NORM September 2004

ICS 11.040.50

English version

Evaluation and routine testing in medical imaging departments Part 3-5: Acceptance tests – Imaging performance of computed tomography X-ray equipment
(IEC 61223-3-5:2004)

Essais d'évaluation et de routine dans les services d'imagerie médicale Partie 3-5: Essais d'acceptation – Performance d'imagerie des équipements de tomodensitométrie à rayonnement X (CEI 61223-3-5:2004)

Bewertung und routinemäßige Prüfung in Abteilungen für medizinische Bildgebung Teil 3-5: Abnahmeprüfungen – Leistungsmerkmale zur Bildgebung von Röntgeneinrichtungen für Computertomographie (IEC 61223-3-5:2004)

This European Standard was approved by CENELEC on 2004-09-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 61223-3-5:2004 E

Foreword

The text of document 62B/525/FDIS, future edition 1 of IEC 61223-3-5, 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 61223-3-5 on 2004-09-01.

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)	2005-06-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2007-09-01

In this standard, the following print types are used:

– requirements, compliance with which can be tested, and definitions: in roman type;

– explanations, advice, notes, general statements, exceptions and references: in smaller type;

– *test specifications: in italic type;*

– TERMS DEFINED IN EN 60601-1, EN 60788, EN 61223-1 OR IN OTHER STANDARDS REFERENCED IN ANNEX A: SMALL CAPITALS.

Annex ZA has been added by CENELEC.

_____

Endorsement notice

The text of the International Standard IEC 61223-3-5:2004 was approved by CENELEC as a European Standard without any modification.

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

IEC 61223-2-4	NOTE	Harmonized as EN 61223-2-4:1994 (not modified).
IEC 61223-2-6	NOTE	Harmonized as EN 61223-2-6:1994 (not modified).
IEC 60336	NOTE	Harmonized as EN 60336:1995 (not modified).
IEC 60522	NOTE	Harmonized as EN 60522:1999 (not modified).
IEC 60601-2-28	NOTE	Harmonized as EN 60601-2-28:1993 (not modified).
IEC 60601-2-32	NOTE	Harmonized as EN 60601-2-32:1994 (not modified).
IEC 61267	NOTE	Harmonized as EN 61267:1994 (not modified).

_____

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 Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60601-1	- [1)]	Medical electrical equipment Part 1: General requirements for safety	EN 60601-1	1990 [2)]
IEC 60601-2-44	2001	Part 2-44: Particular requirements for the safety of X-ray equipment for computed tomography	EN 60601-2-44	2001
A1	2002		A1	2003
IEC/TR 60788	- [1)]	Medical electrical equipment - Glossary of defined terms	-	-

1) Undated reference.

2) Valid edition at date of issue.

This page is intentionally left blank