



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61223-3-4:2000**

ICS 11.040.50

**EVALUATION AND ROUTINE TESTING IN  
MEDICAL IMAGING DEPARTMENTS  
PART 3-4: ACCEPTANCE TESTS IMAGING  
PERFORMANCE OF DENTAL X-RAY  
EQUIPMENT**

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*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on  
March 2, 2001*

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Údarás um Chaighdeán Náisiúnta na hÉireann



**DECLARATION  
OF  
SPECIFICATION  
ENTITLED**

**EVALUATION AND ROUTINE TESTING IN MEDICAL IMAGING DEPARTMENTS  
PART 3-4: ACCEPTANCE TESTS IMAGING PERFORMANCE OF DENTAL X-RAY  
EQUIPMENT**

**AS**

**THE IRISH STANDARD SPECIFICATION FOR**

**EVALUATION AND ROUTINE TESTING IN MEDICAL IMAGING DEPARTMENTS  
PART 3-4: ACCEPTANCE TESTS IMAGING PERFORMANCE OF DENTAL X-RAY  
EQUIPMENT**

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NSAI in exercise of the power conferred by section 16 (5) of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Evaluation and routine testing in medical imaging departments  
Part 3-4: Acceptance tests Imaging performance of dental X-ray equipment) Declaration, 2000.
2. (1) The Specification set forth in the schedule to this declaration is hereby declared to be the standard specification for Evaluation and routine testing in medical imaging departments  
Part 3-4: Acceptance tests Imaging performance of dental X-ray equipment. The Schedule comprises the text of EN 61223-3-4:2000.  
(2) The said standard specification may be cited as Irish Standard EN 61223-3-4:2000 or as I.S. EN 61223-3-4:2000.



EUROPEAN STANDARD

**EN 61223-3-4**

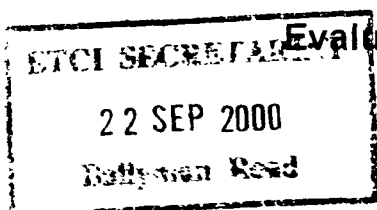
NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2000

ICS 11 040 50

English version



**Evaluation and routine testing in medical imaging departments**

**Part 3-4: Acceptance tests**

**Imaging performance of dental X-ray equipment**

(IEC 61223-3-4:2000)

Essais d'évaluation et de routine dans les  
services d'imagerie médicale  
Partie 3-4: Essais d'acceptation  
Performance d'imagerie des appareils de  
radiographie dentaire  
(CEI 61223-3-4:2000)

Bewertung und routinemäßige Prüfung in  
Abteilungen für medizinische Bildgebung  
Teil 3-4: Abnahmeprüfungen  
Leistungsmerkmale zur Bildgebung von  
zahnärztlichen Röntgeneinrichtungen  
(IEC 61223-3-4:2000)

This European Standard was approved by CENELEC on 2000-06-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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**

## Foreword

The text of document 62B/393/FDIS, future edition 1 of IEC 61223-3-4, 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 61223-3-4 on 2000-06-01

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) 2001-03-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2003-06-01

Annexes designated "normative" are part of the body of the standard  
Annexes designated "informative" are given for information only  
In this standard, annexes A and ZA are normative and annexes B and C are informative  
Annex ZA has been added by CENELEC

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## Endorsement notice

The text of the International Standard IEC 61223-3-4 2000 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 standards indicated

IEC 60601-2-32      NOTE Harmonized as EN 60601-2-32:1994 (not modified)

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