



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60522:1999**

ICS 11.040.50

**DETERMINATION OF THE PERMANENT  
FILTRATION OF X-RAY TUBE ASSEMBLIES  
(IEC 60522:1999)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60522**

April 1999

ICS 11.040.50

English version

**Determination of the permanent filtration of X-ray tube assemblies  
(IEC 60522:1999)**

Détermination de la filtration  
permanente des gaines équipées  
(CEI 60522:1999)

Ermittlung der Eigenfilterung  
von Röntgenstrahlern  
(IEC 60522:1999)

This European Standard was approved by CENELEC on 1999-04-01. 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/359/FDIS, future edition 2 of IEC 60522, 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 60522 on 1999-04-01.

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) 2000-01-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2002-04-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annexes A and ZA are normative.  
Annex ZA has been added by CENELEC.

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### **Endorsement notice**

The text of the International Standard IEC 60522:1999 was approved by CENELEC as a European Standard without any modification.

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**Annex ZA (normative)****Normative references to international publications  
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60601-1	1988	Medical electrical equipment	EN 60601-1	1990
		Part 1: General requirements for safety	+ corr. July	1994
A1	1991		A1	1993
			+ corr. July	1994
A2	1995		A2	1995
+ corr. June	1995		A13	1996
IEC 60601-1-3	1994	Medical electrical equipment	EN 60601-1-3	1994
		Part 1: General requirements for safety		
		3. Collateral standard: General requirements		
		for radiation protection in diagnostic X-ray		
		equipment		
IEC 60788	1984	Medical radiology - Terminology	HD 501 S1	1988
ISO 2092	1981	Light metals and their alloys - Code of	-	-
		designation based on chemical symbols		







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