



NSAI
Standards

Irish Standard
I.S. EN 62494-1:2008

Medical electrical equipment -
Exposure index of digital X-ray imaging
systems -- Part 1: Definitions and
requirements for general radiography
(IEC 62494-1:2008 (EQV))

I.S. EN 62494-1:2008

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i>	<i>This document is based on:</i> EN 62494-1:2008	<i>Published:</i> 19 November, 2008
This document was published under the authority of the NSAI and comes into effect on: 14 January, 2009		ICS number: 11.040.50
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Price Code: N		
Údarás um Chaighdeáin Náisiúnta na hÉireann		

EUROPEAN STANDARD

EN 62494-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2008

ICS 11.040.50

English version

**Medical electrical equipment -
Exposure index of digital X-ray imaging systems -
Part 1: Definitions and requirements for general radiography
(IEC 62494-1:2008)**

Appareils électromédicaux -
Indice d'exposition des systèmes
d'imagerie numérique à rayonnement X -
Partie 1: Définitions et exigences
pour la radiographie générale
(CEI 62494-1:2008)

Medizinische elektrische Geräte -
Dosisindikator digitaler
Röntgenbildsysteme -
Teil 1: Definitionen und Anforderungen
für die allgemeine Radiographie
(IEC 62494-1:2008)

This European Standard was approved by CENELEC on 2008-10-01. 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, 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

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

I.S. EN 62494-1:2008

EN 62494-1:2008

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Foreword

The text of document 62B/680/CDV, future edition 1 of IEC 62494-1, 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 62494-1 on 2008-10-01.

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) 2009-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2011-10-01

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;
- TERMS DEFINED IN CLAUSE 3 OF THIS STANDARD, IN EN 60601-1 OR IN IEC/TR 60788, AS REFERENCED IN THE INDEX OF DEFINED TERMS: SMALL CAPITALS.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62494-1:2008 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 60601-1	NOTE Harmonized as EN 60601-1:2006 (not modified).
IEC 60601-2-43	NOTE Harmonized as EN 60601-2-43:2000 (not modified).
IEC 62220-1	NOTE Harmonized as EN 62220-1:2004 (not modified).
IEC 62220-1-2	NOTE Harmonized as EN 62220-1-2:2007 (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 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/TR 60788	2004	Medical electrical equipment - Glossary of defined terms	-	-

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