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BS EN 62220-1-1:2015

BSI Standards Publication

Medical electrical equipment — Characteristics of digital x-ray imaging devices

Part 1-1: Determination of the detective quantum efficiency — Detectors used in radiographic imaging

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This British Standard is the UK implementation of EN 62220-1-1:2015. It is identical to IEC 62220-1-1:2015. It supersedes BS EN 62220-1:2004, which will be withdrawn on 16 April 2018.

The UK participation in its preparation was entrusted by Technical Committee CH/62, Electrical Equipment in Medical Practice, to Subcommittee CH/62/2, Diagnostic imaging equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected

EUROPEAN STANDARD **EN 62220-1-1**

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June 2015

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Supersedes EN 62220-1:2004

English Version

Medical electrical equipment - Characteristics of digital x-ray imaging devices - Part 1-1: Determination of the detective quantum efficiency - Detectors used in radiographic imaging (IEC 62220-1-1:2015)

Appareils électromédicaux - Caractéristiques des appareils d'imagerie à rayonnements x - Partie 1-1: Détermination de l'efficacité quantique de détection - Détecteurs utilisés en imagerie radiographique (IEC 62220-1-1:2015)

Medizinische elektrische Geräte - Merkmale digitaler Röntgenbildgeräte - Teil 1-1: Bestimmung der detektiven Quanten-Ausbeute - Bildempfänger für Röntgenbildgebung (IEC 62220-1-1:2015)

This European Standard was approved by CENELEC on 2015-04-16. 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.

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

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Foreword

The text of document 62B/968/FDIS, future edition 2 of IEC 62220-1-1, 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 approved by CENELEC as EN 62220-1-1:2015.

The following dates are fixed:

• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2016-01-16
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2018-04-16

This document supersedes EN 62220-1:2004.

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

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard IEC 62220-1-1:2015 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 62220-1-3:2008	NOTE	Harmonized as EN 62220-1-3:2008.
IEC 62220-1-2:2007	NOTE	Harmonized as EN 62220-1-2:2007.
IEC 61262-5:1994	NOTE	Harmonized as EN 61262-5:1994.
IEC 60601-2-54	NOTE	Harmonized as EN 60601-2-54.

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60336	-	Medical electrical equipment - X-ray tube assemblies for medical diagnosis - Characteristics of focal spots	EN 60336	-
IEC 61267	2005	Medical diagnostic X-ray equipment - Radiation conditions for use in the determination of characteristics	EN 61267	2006
IEC/TR 60788	2004	Medical electrical equipment - Glossary of defined terms	-	-

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Annex ZZ
(informative)

Coverage of Essential Requirements of EU Directives

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and within its scope the Standard covers all relevant essential requirements given in Annex I of EC Directive 93/42/EEC of 14 June 1993 concerning medical devices.

Compliance with this standard provides one means of conformity with the specified essential requirements of the Directive concerned.

WARNING: Other requirements and other EC Directives can be applied to the products falling within the scope of this standard.

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