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Vrednotenje in rutinsko preskušanje v medicinskih oddelkih za slikanje - 3-8. del: Preskusi sprejemljivosti in konstantnosti - Slikovni učinek rentgenske opreme za radiografijo in radioskopijo (IEC 61223-3-8:2024)

Evaluation and routine testing in medical imaging departments - Part 3-8: Acceptance and constancy tests - Imaging performance of X-ray equipment for radiography and radioscopy (IEC 61223-3-8:2024)

Bewertung und routinemäßige Prüfung in Abteilungen für medizinische Bildgebung - Teil 3-8: Abnahme- und Konstanzprüfungen - Leistungsmerkmale zur Bildgebung von Röntgeneinrichtungen für Radiographie und Radioskopie (IEC 61223-3-8:2024)

Essais d'évaluation et de routine dans les services d'imagerie médicale - Partie 3-8: Essais d'acceptation et de constance - Performance d'imagerie des appareils à rayonnement X pour la radiographie et la radioscopie (IEC 61223-3-8:2024)

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English Version

**Evaluation and routine testing in medical imaging departments -
Part 3-8: Acceptance and constancy tests - Imaging
performance of X-ray equipment for radiography and radioscopy
(IEC 61223-3-8:2024)**

Essais d'évaluation et de routine dans les services
d'imagerie médicale - Partie 3-8: Essais d'acceptation et de
constance - Performance d'imagerie des appareils à
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Bewertung und routinemäßige Prüfung in Abteilungen für
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Konstanzprüfungen - Leistungsmerkmale zur Bildgebung
von Röntgeneinrichtungen für Radiographie und
Radioskopie
(IEC 61223-3-8:2024)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61223-3-8:2024 (E)**European foreword**

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

IEC 60627:2013	NOTE	Approved as EN 60627:2015 (not modified)
IEC 61223-3-6:2020	NOTE	Approved as EN IEC 61223-3-6:2020 (not modified)
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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where 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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60336	2020	Medical electrical equipment - X-ray tube assemblies for medical diagnosis - Focal spot dimensions and related characteristics	EN IEC 60336	2021
IEC 60601-1	2005	Medical electrical equipment - Part 1: General requirements for basic safety and essential performance	EN 60601-1	2006
-	-		+ corrigendum Mar.	2010
+ A1	2012		+ A1	2013
-	-		+ A12	2014
+ A2	2020		+ A2	2021
-	-		+ A13	2024
IEC 60601-1-3	2008	Medical electrical equipment - Part 1-3: General requirements for basic safety and essential performance - Collateral Standard: Radiation protection in diagnostic X-ray equipment	EN 60601-1-3	2008
-	-		+ corrigendum Mar.	2010
+ A1	2013		+ A1	2013
-	-		+ AC	2014
-	-		+ A11	2016
+ A2	2021		+ A2	2021
IEC 60601-2-43	2022	Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures	EN IEC 60601-2-43	2023
IEC 60601-2-54	2022	Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy	-	-

EN IEC 61223-3-8:2024 (E)

IEC 61267	2005	Medical diagnostic X-ray equipment - Radiation conditions for use in the determination of characteristics	EN 61267	2006
IEC 61674	2012	Medical electrical equipment - Dosimeters with ionization chambers and/or semiconductor detectors as used in X-ray diagnostic imaging	EN 61674	2013
IEC 61676	2023	Medical electrical equipment - Dosimetric instruments used for non-invasive measurement of X-ray tube voltage in diagnostic radiology	EN IEC 61676	2023
IEC 62494-1	2008	Medical electrical equipment - Exposure index of digital X-ray imaging systems - Part 1: Definitions and requirements for general radiography	EN 62494-1	2008

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**Evaluation and routine testing in medical imaging departments –
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**EVALUATION AND ROUTINE TESTING
IN MEDICAL IMAGING DEPARTMENTS –**
**Part 3-8: Acceptance and constancy tests –
Imaging performance of X-ray equipment for radiography and radioscopy**
FOREWORD

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The text of this document is based on the following documents:

Draft	Report on voting
62B/1347/FDIS	62B/1351/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.