

Evaluation and routine testing in medical imaging departments —

Part 3: Acceptance tests —

Section 3.3 Imaging performance of X-ray equipment for digital subtraction angiography (DSA)

The European Standard EN 61223-3-3:1996 has the status of a British Standard

ICS 11.040.50

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee CH/73, Radiation protection dose control and utilization, upon which the following bodies were represented:

- Association of X-ray Equipment Manufacturers (BEAMA Ltd.)
- British Dental Association
- British Insitute of Radiology
- British Medical Association
- College of Radiographers
- Confederation of British Forgers
- Department of Health
- Flat Glass Manufacturers' Association
- Health and Safety Executive
- Institute of Physics and Engineering in Medicine and Biology
- National Radiological Protection Board
- Royal College of Radiologists
- Society of X-ray Technology

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National foreword

This British Standard has been prepared by Technical Committee CH/73. It is the English language version of EN 61223-3-3:1996 *Evaluation and routine testing in medical imaging departments — Part 3-3: Acceptance tests — Imaging performance of X-ray equipment for digital subtraction angiography (DSA)*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 1223-3-3:1996 published by the International Electrotechnical Commission (IEC).

Cross-references

Publication referred to	Corresponding British Standard
IEC 417N:1995	BS 6217:1981 <i>Guide to graphical symbols for use on electrical equipment</i> BS 5724 <i>Medical electrical equipment</i>
IEC 601-1:1988	Part 1:1989 <i>General requirements for safety</i>
IEC 601-1:1988 Amendment 1:1991	Amendment 2 to BS 5724-1:1989 <i>General requirements for safety</i>
IEC 601-1:1988 Amendment 2:1995	Amendment 3 to BS 5724-1:1989 <i>General requirements for safety</i> . (To be published) BS EN 60601-1-3:1995 <i>Medical electrical equipment Part 1 General requirements for safety</i> .
IEC 601-1-3:1994	Section 1.3:1995 <i>Collateral standard. General requirements for radiation protection in diagnostic X-ray equipment</i> BS 5724 <i>Medical electrical equipment</i> Part 2: <i>Particular requirements for safety</i>
IEC 601-2-7:1987	Section 2.7:1987 <i>Specification for high-voltage generators of diagnostic X-ray generators</i>
IEC 788:1984	BS 6641:1985 <i>Glossary of medical radiology terms</i>
IEC 878:1988	BS 7139:1989 <i>Guide to graphical symbols for use on medical electrical equipment</i> BS 7725 <i>Evaluation and routine testing in medical imaging departments</i>
IEC 1223-1:1993	Part 1:1994 <i>General</i> Part 2 <i>Constancy tests</i>
IEC 1223-2-4:1994	BS EN 61223-2-4:1995 <i>Method for hard copy cameras</i>
IEC 1223-2-5:1994	BS EN 61223-2-5:1995 <i>Method for image display services</i>

Additional information. The following print types are used in this standard. Requirements, with which compliance can be tested, and definitions: in roman type.

Explanations, advice, general statements, exceptions and references: in small roman type.

Test procedures: in *italic* type.

Terms defined in BS 7725 or in BS 6641: SMALL CAPITALS.

For the purposes of this British Standard, any references to IEC page numbers in the text should be ignored.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Medical electrical equipment, medical imaging, angiography, acceptance tests, performance

English version

Evaluation and routine testing in medical imaging
departments
Part 3-3: Acceptance tests — Imaging performance of X-ray
equipment for digital subtraction angiography (DSA)

(IEC 1223-3-3:1996)

Essais d'évaluation et de routine
dans les services d'imagerie médicale
Partie 3-3: Essais d'acceptation
Performance d'imagerie des
équipements à rayonnement X
d'angiographie numérique
soustractive (ANS)
(CEI 1223-3-3:1996)

Bewertung und routinemäßige Prüfung
in Abteilungen für medizinische
Bildgebung
Teil 3-3: Abnahmeprüfungen
Abbildungsleistung von
Röntgen-Einrichtungen für Digitale
Subtraktionsangiographie
(IEC 1223-3-3:1996)

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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.

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CENELEC

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

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