

INTERNATIONAL STANDARD

IEC 60522

Second edition
1999-02

Determination of the permanent filtration of X-ray tube assemblies

*Détermination de la filtration permanente
des gaines équipées*

*(<https://standards.iteh.ai>)
Document Preview*

IEC 60522:1999

<https://standards.iteh.ai/catalog/standards/iec/1f5bc693-0f45-4d11-9a03-84085679befb/iec-60522-1999>



Reference number
IEC 60522:1999(E)

Numbering

As from 1 January 1997 all IEC publications are issued with a designation in the 60000 series.

Consolidated publications

Consolidated versions of some IEC publications including amendments are available. For example, edition numbers 1.0, 1.1 and 1.2 refer, respectively, to the base publication, the base publication incorporating amendment 1 and the base publication incorporating amendments 1 and 2.

Validity of this publication

The technical content of IEC publications is kept under constant review by the IEC, thus ensuring that the content reflects current technology.

Information relating to the date of the reconfirmation of the publication is available in the IEC catalogue.

Information on the subjects under consideration and work in progress undertaken by the technical committee which has prepared this publication, as well as the list of publications issued, is to be found at the following IEC sources:

- **IEC web site***
- **Catalogue of IEC publications**
Published yearly with regular updates
(On-line catalogue)*
- **IEC Bulletin**
Available both at the IEC web site* and as a printed periodical

Terminology, graphical and letter symbols

For general terminology, readers are referred to IEC 60050: *International Electrotechnical Vocabulary (IEV)*.

For graphical symbols, and letter symbols and signs approved by the IEC for general use, readers are referred to publications IEC 60027: *Letter symbols to be used in electrical technology*, IEC 60417: *Graphical symbols for use on equipment. Index, survey and compilation of the single sheets* and IEC 60617: *Graphical symbols for diagrams*.

* See web site address on title page.

INTERNATIONAL STANDARD

IEC 60522

Second edition
1999-02

Determination of the permanent filtration of X-ray tube assemblies

*Détermination de la filtration permanente
des gaines équipées*

ITEH Standards
(<https://standards.iteh.ai>)
Document Preview

IEC 60522:1999

<https://standards.iteh.ai/catalog/standards/iec/1f56c693-0f45-4d11-9a03-84085679befb/iec-60522-1999>

© IEC 1999 — Copyright - all rights reserved

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Electrotechnical Commission
Telefax: +41 22 919 0300

3, rue de Varembé Geneva, Switzerland
e-mail: inmail@iec.ch IEC web site <http://www.iec.ch>



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

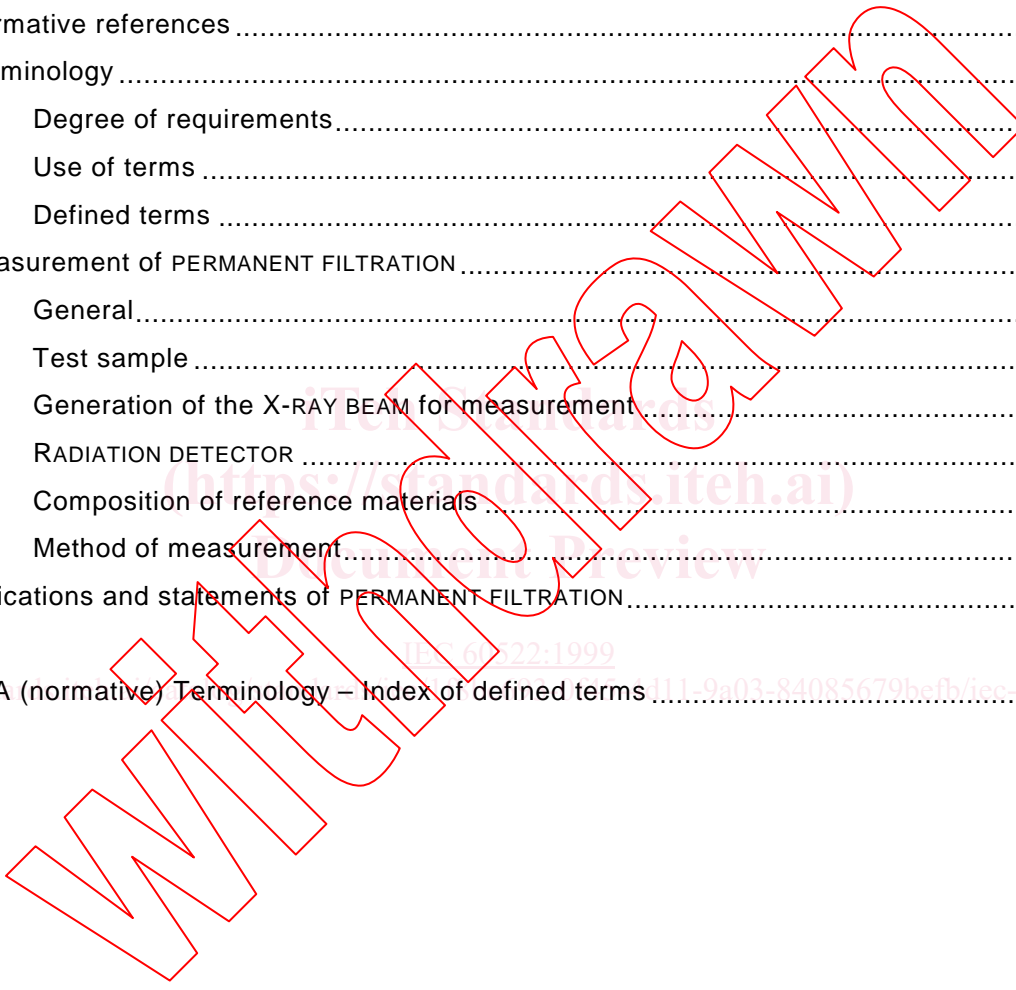
PRICE CODE

J

For price, see current catalogue

CONTENTS

	Page
FOREWORD	3
Clause	
1 Scope and object	5
1.1 Scope	5
1.2 Object	5
2 Normative references	5
3 Terminology	6
3.1 Degree of requirements	6
3.2 Use of terms	6
3.3 Defined terms	6
4 Measurement of PERMANENT FILTRATION	6
4.1 General	6
4.2 Test sample	7
4.3 Generation of the X-RAY BEAM for measurement	7
4.4 RADIATION DETECTOR	7
4.5 Composition of reference materials	7
4.6 Method of measurement	7
5 Indications and statements of PERMANENT FILTRATION	8
Annex A (normative) Terminology – Index of defined terms	9



<https://standards.iteh.ai/>
<https://standards.iteh.ai/iec-60522-1999>
<https://standards.iteh.ai/iec-60522-1999/111-9a03-84085679b6fb/iec-60522-1999>

INTERNATIONAL ELECTROTECHNICAL COMMISSION

DETERMINATION OF THE PERMANENT FILTRATION OF X-RAY TUBE ASSEMBLIES

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60522 has been prepared by subcommittee 62B: Diagnostic imaging equipment, of IEC technical committee 62: Electrical equipment in medical practice.

This second edition cancels and replaces the first edition published in 1976 and constitutes a technical revision.

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

FDIS	Report of voting
62B/359/FDIS	62B/363/RVD

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

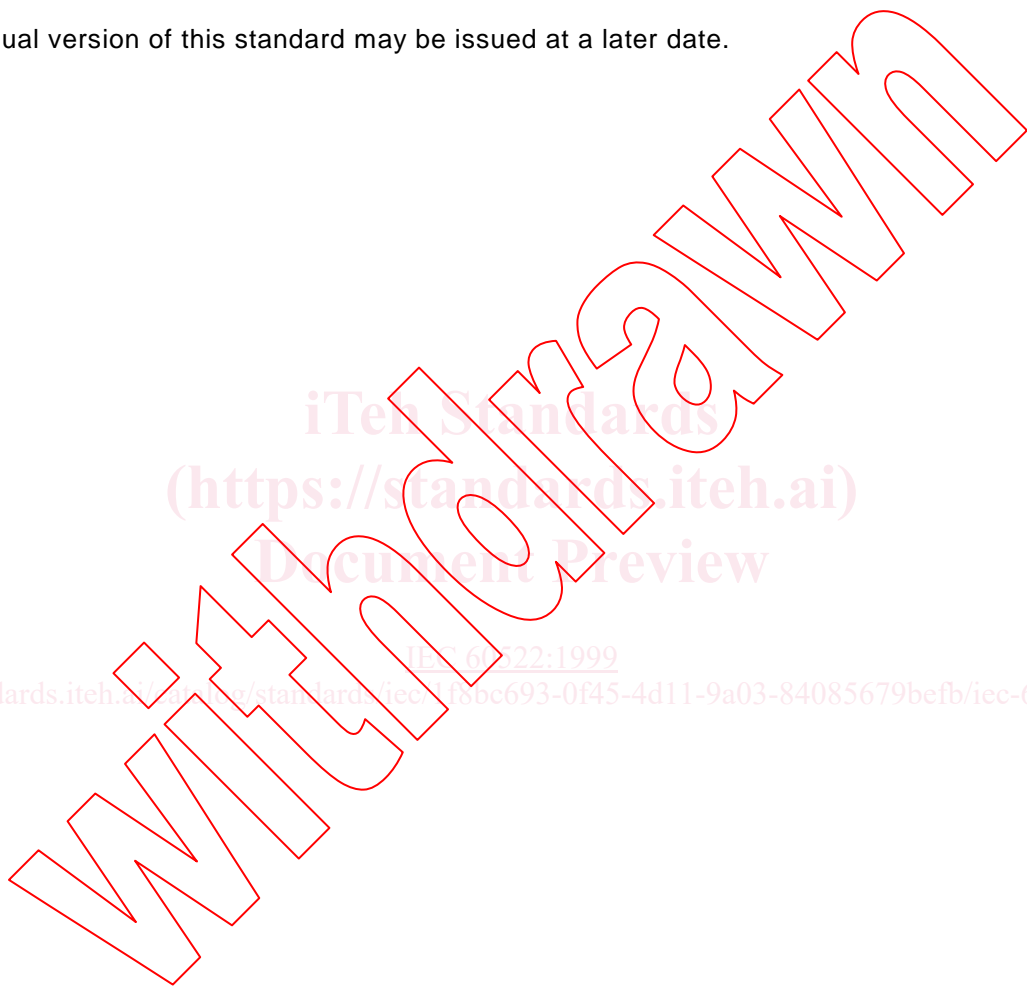
Annex A forms an integral part of this standard.

In this standard, the following print types are used:

- requirements, compliance with which can be tested and definitions: roman type;
- explanations, advice, notes, general statements, exceptions and references: smaller type;
- *test specifications and headings of subclauses: italic type;*
- TERMS DEFINED IN CLAUSE 3 OF THIS STANDARD, IN CLAUSE 2 OF IEC 60601-1, IN IEC 60788 OR IN ANNEX A: SMALL CAPITALS.

NOTE – Attention is drawn to the existence, in some countries, of legislation concerning RADIATION safety which may not align with the provisions of this standard.

A bilingual version of this standard may be issued at a later date.



iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

<https://standards.iteh.ai/catalog/standards/iec/1f5bc693-0f45-4d11-9a03-84085679befb/iec-60522-1999>