

Specification for reference beta radiations for calibrating dosimeters and dose-rate meters and for determining their response as a function of beta-radiation energy

ICS 17.240

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National foreword

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- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO title page, pages ii to iv, pages 1 to 12 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.

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 September 1997

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INTERNATIONAL STANDARD

**ISO
6980**

Second edition
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Reference beta radiations for calibrating dosimeters and dose-rate meters and for determining their response as a function of beta-radiation energy

*Rayonnements bêta de référence pour l'étalonnage des dosimètres et
débitmètres et pour la détermination de leur réponse en fonction de
l'énergie bêta*



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Descriptors: Nuclear radiation, radiation protection, radiation measuring instruments, exposure dose-rate meters, calibration, reference sources, beta particles.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 6980 was prepared by Technical Committee ISO/TC 85, *Nuclear energy*, subcommittee SC 2, *Radiation protection*.

This second edition cancels and replaces the first edition (ISO 6980:1984), of which it constitutes a technical revision.

Annex A, Annex B and Annex C form an integral part of this International Standard.

Annex D and Annex E are for information only.