EMDC6 (3057):2024 DTZS
ISO 7503-3:2016

DRAFT TANZANIA STANDARD

Measurement of radioactivity — Measurement and evaluation of surface contamination Part 3: Apparatus calibration

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0. National foreword

The Tanzania Bureau of Standards is the statutory national standards body for Tanzania, established under the Act.No.3 of 1975, amended by Act.No.2 of 2009.

This Draft Tanzania standard is being prepared by Radiation Technical Committee, under the supervision of the Environmental Management Divisional Standards Committee (EMDC)

This Draft Tanzania Standard is identical to ISO 7503-3:2016 Measurement of radioactivity — Measurement and evaluation of surface contamination Part 3: Apparatus calibration published by the International Organization for Standardization (ISO).

Terminology and conventions

The text of the International Standard is hereby being recommended for approval without deviation for publication as draft Tanzania standard. Some terminology and certain conversion are not identical with those used in Tanzania Standards; attention is drawn to the following:

The comma (,) has been used as decimal marker for metric dimensions. In Tanzania, it is current practice to use a full point (.) on the baseline as a decimal marker.

Wherever the words “International Standard” appear, referring to this draft standard, they should read as “Tanzania Standard”.

1. SCOPE

ISO 7503-3:2016 applies to the evaluation of contamination on surfaces in terms of activity per unit area by direct and indirect methods of measurement and deals with the complex aspects of instrument calibration. ISO 7503-3:2016 is applicable to well-defined surfaces, such as those of equipment and facilities, containers of radioactive materials, sealed sources, and buildings or land. ISO 7503-3:2016 can be used for laboratory and equipment/installation control and for remediation and monitoring activities to comply with release criteria.