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ICS: 13.340.10

DRAFT TANZANIA STANDARD

Clothing for protection against contact with blood and body fluids — Determination of the resistance of protective clothing materials to penetration by blood and body fluids — Test method using synthetic blood

TANZANIA BUREAU OF STANDARDS

First Edition 2024

National foreword

1.0 Introduction

1.1 This Draft Tanzania Standard is being adopted by the Hospital Textiles Technical Committee, under the supervision of Textile and Leather Division Standards Committee.

1.2 This Draft Tanzania Standard is identical to ***ISO 16603: 2004 Clothing for protection against contact with blood and body fluids — Determination of the resistance of protective clothing materials to penetration by blood and body fluids — Test method using synthetic blood*** (Confirmed on 2020) Published by International Organization for Standardization (ISO).

1.3 This Draft Tanzania Standard is the first edition.

1.4 The text of the International Standard is hereby being recommended for approval without deviation for publication as Draft Tanzania Standard.

2.0 Terminologies and conventions

If terminologies and conventions are not identical with those used in Tanzania Standards; attention is drawn especially to the following: -

The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full Stop” on the baseline as the decimal marker.

Where the words “International Standard(s)” appear, referring to this Draft Tanzania Standard they should read “Draft Tanzania Standard(s)”.

Scope

This International Standard describes a laboratory test method for measuring the penetration resistance of clothing materials to blood and body fluids. Thid test method uses a synthetic blood in continuous contact with the material specimen at specified set of conditions using the ISO 13994 test apparatus.

This test method is not always effective in testing protective clothing materials having thick, inner liners which readily absorb the synthetic blood.