MEDC 2 (4942) ISO 6508-3:2023 DTZS

ICS: 77.040.10

DRAFT TANZANIA STANDARD

Metallic materials - Rockwell hardness test - Part 3 - Calibration of reference blocks.

Draft for Stakeholder's Comments Only

TANZANIA BUREAU OF STANDARD

©TBS 2026

Second Edition 2026

NATIONAL FOREWORD

This Tanzania Standard has been prepared under the Metals and Structures Technical Committee MEDC 2, under the supervision of the Mechanical Engineering Standards Divisional Committee.

It is identical to ISO 6508-3:2023 Metallic materials - Rockwell hardness test - Part 3 - Calibration of reference blocks, published by the International Organization for Standardization (ISO).

Terminology and conventions

Some terminologies and certain conventions are not identical to 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 a full point (.) on the baseline as the decimal marker; and wherever the words 'East Africa Standard(s)' appear, referring to this standard, they should read 'Tanzania Standard(s)'.

Scope

This document specifies a method for the calibration of reference blocks to be used for the indirect and daily verification of Rockwell hardness testing machines and indenters, as specified in ISO 6508-2. This document also specifies requirements for Rockwell machines and indenters used for calibrating reference blocks and specifies methods for their calibration and verification.
Attention is drawn to the fact that the use of hard metal for ball indenters is considered to be the standard type of Rockwell indenter ball.

Draft for Stakeholder's Comments Only