



EMDC 5 (5546)P3  
ISO 2041

## DRAFT TANZANIA STANDARD

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**Human response to vibration — Measuring instrumentation — Part 1: General purpose vibration meters**

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FOR STAKEHOLDERS' COMMENTS ONLY

## National foreword

This Tanzania Standard is identical to ISO 2041 (E), *Human response to vibration — Measuring instrumentation — Part 1: General purpose vibration meters* published by the International Organization for Standardization (ISO).

This standard defines/specifies the performance specifications and tolerance limits for instruments designed to measure vibration values, for the purpose of assessing human response to vibration. It includes requirements for pattern evaluation, or validation, periodic verification and *in situ* checks, and the specification of vibration calibrators for *in situ* checks.

Vibration instruments specified in this document can be single instruments, combinations of instrumentation or computer-based acquisition and analysis systems.

Vibration instruments specified in this document are intended to measure vibration for one or more applications, such as the following: hand-transmitted vibration (see ISO 5349-1); whole-body vibration (see ISO 2631-1, ISO 2631-2 and ISO 2631-4); and low-frequency whole-body vibration in the frequency range from 0,1 Hz to 0,5 Hz (see ISO 2631-1).

## Terminology and conventions

Some terminology and certain conventions in the ISO standards are not identical with those used in Tanzania Standards and attention is drawn 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 base line as the decimal marker and

wherever the words “International Standard” appear in this Tanzania Standard, they should be interpreted as “Tanzania Standard”.