



EMDC 5 (5545) P3
ISO 5349-2

DRAFT TANZANIA STANDARD

Mechanical vibration- Measurement and evaluation of human exposure to hand transmitted vibration – Practical guidance for measurement at work place

National foreword

This Tanzania Standard is identical to ISO 5349-2 (E), *Mechanical vibration- Measurement and evaluation of human exposure to hand transmitted vibration – Practical guidance for measurement at work place* published by the International Organization for Standardization (ISO).

This standard provides guidelines for the measurement and evaluation of hand-transmitted vibration at the workplace in accordance with ISO 5349-1. It describes the precautions to be taken to make representative vibration measurements and to determine the daily exposure time for each operation in order to calculate the 8-h energy-equivalent vibration total value (daily vibration exposure). It provide means to determine the relevant operations which should be taken into account when determining the vibration exposure.

The standards applies to all situations where people are exposed to vibration transmitted to the hand-arm system by hand-held or hand-guided machinery, vibrating work-pieces, or controls of mobile or fixed machinery.

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”.