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ISO 2631-1

DRAFT TANZANIA STANDARD

**Mechanical vibration and shock-
Evaluation of human exposure to
whole-body vibration- Part 1: General
requirements**

National foreword

This Tanzania Standard is identical to ISO 14040:2006 (E), *Mechanical vibration and shock-Evaluation of human exposure to whole-body vibration- Part 1: General requirements* published by the International Organization for Standardization (ISO).

This standard provides methods for the measurement of periodic, random and transient whole-body vibration. It indicates the principal factors that combine to determine the degree to which a vibration exposure will be acceptable. Informative annexes indicate current opinion and provide guidance on the possible effects of vibration on health, comfort and perception and motion sickness is applicable to motions transmitted to the human body as a whole through the supporting surfaces: the feet of a standing person, the buttocks, back and feet of a seated person or the supporting area of a recumbent person. This type of vibration is found in vehicles, in machinery, in buildings and in the vicinity of working 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".