



## **DRAFT TANZANIA STANDARDS**

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**Acoustics -Recommended practice for the design of low-noise machinery and equipment - Part 1: Planning.**

**TANZANIA BUREAU OF STANDARDS**

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## 0. National foreword

The Tanzania Bureau of Standards is the statutory national standards body for Tanzania, established under the Act.No.3 of 1975, amended by Act.No.2 of 2009.

This draft Tanzania standard is being prepared by Technical Committee, under the supervision of the Environmental Management Divisional Standards Committee (EMDC).

This draft Tanzania Standard is identical to, **ISO/TR 11688-1:1995 Acoustics-Recommended practice for the design of low-noise machinery and equipment - Part 1: Planning** published by the International Organization for Standardization (ISO).

### 1.0 Terminology and conventions

The text of the International Standard is hereby being recommended for approval without deviation for publication as draft Tanzania standard. Some terminology and certain conversion are not identical with those used in Tanzania Standards; attention is drawn to the following:

The comma (,) has been used as decimal marker for metric dimensions. In Tanzania, it is current practice to use a full point (.) on the baseline as a decimal marker.

Wherever the words "International Standard" appear, referring to this draft standard, they should read as "Tanzania Standard".

### 2.0 Scope

This part of ISO/TR 11688 provides the physical background for the low-noise design rules and examples given in ISO/TR 11688-11) and supports the use of extensive special literature. It is intended for use by designers of machinery and equipment as well as users and/or buyers of machines and authorities in the field of legislation, supervision or inspection. Equations given in this Technical Report will improve the general understanding of noise control. In many cases they allow a comparison of different versions of design, but they are not useful for the prediction of absolute noise emission values. Information on internal sound sources, transmission paths and sound radiating parts of a machine is the basis for noise control in machines. Therefore, measurement methods and computational methods suitable to obtain this information are described in clauses 7 and 8 and annex A.