



DRAFT TANZANIA STANDARD

(Draft for comments only)

Road vehicles - Alarm systems for buses and commercial vehicles of maximum authorized total mass greater than 3.5 t

TANZANIA BUREAU OF STANDARDS

0 National Foreword

This draft Tanzania Standard is being prepared by the Alarm and Electronic Security Systems Technical Committee of the Tanzania Bureau of Standards (TBS), under the supervision of the Electrotechnical Divisional Standards Committee (EDC)

This Tanzania Standard is an adoption of the International Standard *ISO 15763:2002 Road vehicles - Alarm systems for buses and commercial vehicles of maximum authorized total mass greater than 3.5 t*, which has been prepared by the International Organization for Standardization (ISO).

Terminology and conventions

Some terminologies and certain conventions are not identical with those used in Tanzania Standards; Attention is drawn especially to the following:

- 1) The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full point” on the baseline as the decimal marker.
- 2) Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard(s)”.

Contents Page

Foreword

..... iv

1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	2
4 Requirements	3
4.1 System description.....	3
4.2 System design.....	4
4.3 Documentation.....	9
5 Tests.....	9
5.1 General.....	9
5.2 Full functional test.....	10
5.3 Basic test	10
5.4 Electrical tests.....	10
5.5 Temperature/humidity accelerated ageing	12
5.6 Corrosion.....	12
5.7 Vibration.....	14
5.8 Bump.....	14
5.9 Drop.....	15
5.10 Electromagnetic compatibility	15
5.11 Durability of acoustic alarm device.....	16
5.12 Durability of VAS.....	16
5.13 Volumetric protection system functionality.....	16
5.14 Acoustic warning signal.....	16

5.15 Test sequence.....	17
6 Marking and labelling.....	17
Annex A (informative) Functional tests for volumetric protection systems — Examples.....	18
Bibliography.....	22

Draft for Stakeholders' Comments Only

1 Scope

This International Standard defines terms and specifies requirements and tests for vehicle alarm systems (VAS) intended for installation within buses and commercial vehicles (as defined in ISO 3833) having a maximum authorized total mass (code ISO-M08 as defined in ISO 1176) of greater than 3,5 t.

It is applicable to VAS designed to detect or sense, and to indicate, the unauthorized opening of a vehicle's doors, luggage-compartment lids, bonnet/hood and emergency exits, as well as the tilting of the driver's cabin and the disconnection of a trailer or of the power supply. It covers both VAS intended for installation as original equipment, and those intended to be installed after delivery of the vehicle.

NOTE Systems for volumetric protection, which are optional, have to be tested individually and — as a consequence and in accordance with this International Standard — against their own specifications. Examples of tests that can be performed are given in annex A.