DRAFT TANZANIA STANDARD

(Draft for comments only)

Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons

TANZANIA BUREAU OF STANDARDS
1 National Foreword

This draft Tanzania Standard has been prepared by the Electrical Equipment Technical Committee, under the supervision of the Electrotechnical Divisional Standards Committee (EDC)

This draft Tanzania Standard is identical to International Standard IEC 60335-2-3:2012 Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons, which has been prepared by the International Electrotechnical Commission. This draft Tanzania Standard replaces TZS 448-2-8:2013 which has become technically revised due to international developments.

2 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)”
1 Scope

This clause of Part 1 is replaced by the following.

This International Standard deals with the safety of electric dry irons and steam irons, including those with a separate water reservoir or boiler having a capacity not exceeding 5 l, for household and similar purposes, their rated voltage being not more than 250 V.

Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard.

As far as is practicable, this standard deals with the common hazards presented by appliances, which are encountered by all persons in and around the home. However, in general, it does not take into account

– persons (including children) whose
  • physical, sensory or mental capabilities; or
  • lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction;
– children playing with the appliance.

NOTE 101  Attention is drawn to the fact that

– for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary;
– in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour and similar authorities;
– additional requirements for pressure vessels may be specified by the national authorities responsible for the safety of pressure vessels.

NOTE 102  This standard does not apply to

– ironers (IEC 60335-2-44);
– appliances designed exclusively for industrial purposes;
– appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas).

2 Normative references
This clause of Part 1 is applicable.

It does not apply to low-voltage switchgear and controlgear assemblies which are dealt with in IEC 60439.

NOTE In certain clauses or subclauses of this standard, the equipment covered by this standard is also referred to as "device", to be consistent with the text of such clauses or subclauses.

The object of this standard is to state those general rules and requirements which are common to low-voltage equipment as defined in 1.1, including for example:

– definitions;
– characteristics;
– information supplied with the equipment;
– normal service, mounting and transport conditions;
– constructional and performance requirements;
– verification of characteristics and performance.

Digital inputs and/or digital outputs contained in switchgear and controlgear, and intended to be compatible with programmable controllers (PLCs) are covered by Annex S.