



PCD 780-2-15:2026
IEC 60335-2-15:2024

DRAFT ZANZIBAR NATIONAL STANDARD

**Household and similar electrical appliances – Safety – Part 2-15:
Particular requirements for appliances for heating liquids**

DRAFT STANDARD FOR PUBLIC COMMENTS

ZANZIBAR BUREAU OF STANDARDS

National foreword

ZBS is in the process of adopting, IEC 60335-2-15:2024 Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids, under the Electrical and Electronics Standard Technical committee. In accordance with ZBS general procedures, this draft standard is presented to the public in order to receive any technical comment concerns.

Technical Committee Representatives

This Draft Zanzibar National Standard was prepared by Electrical and Electronics Standard Technical committee which consists of representatives from the following organizations:

Zanzibar Electricity Corporation (ZECO)
Department of Energy (DoEM)
Zanzibar National Chamber of Commerce, (ZNCC)
Kilimanjaro Cable(T) LTD
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Household and similar electrical appliances – Safety – Part 2-15: Particular requirements for appliances for heating liquids

Scope

This clause of Part 1 is replaced by the following.

This part of IEC 60335 deals with the safety of electrical appliances for heating liquids for household and similar purposes, their rated voltage being not more than 250 V including direct current (DC) supplied appliances and battery-operated appliances. Some appliances in this standard are used for heating food.

Examples of appliances that are within the scope of this standard are:

- coffee-makers;
- cooking pans;
- egg boilers;
- feeding-bottle heaters;
- kettles and other appliances for boiling water, having a rated capacity not exceeding 10 l;
- milk heaters;
- pressure cookers having a rated cooking pressure not exceeding 140 kPa and a rated capacity not exceeding 10 l;
- rice cookers;
- slow cookers;
- steam cookers;
- soy milk makers;
- tea makers;
- wash boilers;
- yoghurt makers.

Appliances can have more than one function.

Appliances intended for normal household and similar use and that can also be used by laypersons in shops, in light industry and on farms, are within the scope of this standard.

Examples of such appliances are glue pots with a water jacket, livestock feed boilers and sterilizers. If the appliance is intended to be used professionally to process food for commercial consumption, the appliance is not considered to be for household and similar use only.

As far as is practicable, this standard deals with the common hazards presented by appliances that 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 knowledgeprevents them from using the appliance safely without supervision or instruction;
 - children playing with the appliance.
- Attention is drawn to the fact that
- for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements can be necessary;

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- in many countries,
- additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities;
- additional national requirements for pressure vessels are specified for pressure cookers.

This standard does not apply to

- frying pans and deep fat fryers (IEC 60335-2-13);
- storage water heaters (IEC 60335-2-21);
- instantaneous water heaters (IEC 60335-2-35);
- surface-cleaning appliances employing liquids or steam (IEC 60335-2-54);
- portable immersion heaters (IEC 60335-2-74);
- commercial dispensing appliances and vending machines (IEC 60335-2-75);
- appliances for medical purposes (IEC 60601);
- appliances intended 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);
- appliances for high-frequency heating;
- pressure sterilizers;
- humidifiers for household and similar use (IEC 60335-2-98).

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