**KENYA BUREAU OF STANDARDS**

**ADOPTION PROPOSAL**

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| **Document Type:** | **Adoption proposal** | |
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| **TC Secretary** | **This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Daniel Kitui kituid@kebs.org** | |

The Kenya Bureau of Standards intends to adopt the International Standards as detailed here below

1. **Number:** IEC 60335-1:2010+AMD1:2013+AMD2:2016

**Title:** Household and similar electrical appliances - Safety - Part 1: General requirements

**Scope:**

This International Standard deals with the safety of electrical appliances for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

**Online Preview**: <https://webstore.iec.ch/preview/info_iec60335-1%7Bed5.2%7Db.pdf>

**Replaces:** KS 04-239:1996 Specification for safety requirements for domestic and similar electrical appliances (Second Edition)

1. **Number:** IEC 60335-2-23: 2016

**Title:** Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care

**Scope:** This part of IEC 60335 deals with the safety of electric appliances for the care of skin or hair of persons or animals and intended for household and similar purposes, their rated voltage being not more than 250 V.

**Online Preview**: <https://webstore.iec.ch/preview/info_iec60335-2-23%7Bed6.0.RLV%7Den.pdf>

**Replaces:** KS 04-1111-10:1993 Specification for household and similar electrical appliances - Part 10: Particular requirements for appliances for skin and hair care

1. **Number:** IEC 60335-2-8:2012+AMD1:2015+AMD2:2018

**Title:** Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances

**Scope:** This International Standard deals with the safety of electric shavers, hair clippers and similar

appliances intended for household and similar purposes, their rated voltage being not more

than 250 V.

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**Replaces: 1.** KS 04-1111-9:1993Specification for safety requirements for household electrical appliances - Part 9: Requirements for a.c. electric shavers, hair clippers and similar appliances

**2.** KS 04-1111-5:1991 Specification for safety requirements for household electrical appliances - Part 5: Particular requirements for battery powered shavers, hair clippers and similar appliances and their charging and battery assemblies

1. **Number:** IEC 60335-2-26:2002+AMD1:2008

**Title:** Household and similar electrical appliances - Safety - Part 2-26: Particular requirements for clocks

**Scope:** This International Standard deals with the safety of electric clocks having a rated voltage not

more than 250 V.

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**Replaces:** KS 04-1111-11:1995 Specification for household and similar electrical appliances - Part 11 Particular requirements for electrical clocks

1. **Number:** IEC 60335-2-14:2016

**Title:** Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

**Scope:** This part of IEC 60335 deals with the safety of electric kitchen machines for household and

similar purposes, their rated voltage being not more than 250 V.

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**Replaces:** KS 04-1111-20:1997 Specification for household electrical appliances - Part 20: Particular Requirements for electric kitchen machines

1. **Number:** IEC 60335-2-80: 2015

**Title:** Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans

**Scope:** This International Standard deals with the safety of electric fans for household and similar

purposes, their rated voltage being not more than 250 V for single-phase appliances and

480 V for other appliances.

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**Replaces:** KS 04-1111-22:1997 Specification for household electrical appliances - Part 22: Particular Requirements for electric fans and regulators

1. **Number:** IEC 60335-2-13:2009+AMD1:2016

**Title:** Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances

**Scope:** This International Standard deals with the safety of electric deep fat fryers having a

recommended maximum quantity of oil not exceeding 5 l, frying pans, woks and other

appliances in which oil is used for cooking, and intended for household use and similar use,

their rated voltage being not more than 250 V.

Appliances intended for normal household and similar use and that may also be used by

laymen in shops, in light industry and on farms are within the scope of this standard.

However, 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.

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**Replaces:** KS 04-1111-8:1993Specification for safety requirements for household and similar electrical appliances - Part 8: Particular requirements for frying pans, deep fat fryers and similar appliances

1. **Number:** IEC 60335-2-28:2002+AMD1:2008

**Title:** Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines

**Scope:** This International Standard deals with the safety of electric sewing machines for household

and similar use, their rated voltage being not more than 250 V for single-phase appliances

and 480 V for other appliances.

Overlock machines and electrical sets are within the scope of the standard.

Appliances not intended for normal household use, but that nevertheless may be a source of

danger to the public, such as sewing machines intended to be used by laymen in shops and in

light industry, are within the scope of this standard.

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**Replaces:** KS 04-1111-12:1993Specification for household and similar electrical appliances - Part 12: Particular requirements for sewing machines

1. **Number:** IEC 60335-2-38: 2017

**Title:** Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills.

**Scope:** This International Standard deals with the safety of electrically operated commercial griddles

and griddle grills not intended for household use and similar use, their rated voltage being

not more than 250 V for single-phase appliances connected between one phase and neutral

and 480 V for other appliances.

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**Replaces:** KS 04-1111-17:1998 Specification for household and similar electrical appliances - Part 17 Particular requirements for commercial electric griddles and griddle grills

1. **Number:** IEC 60335-2-42:2002+AMD1:2008+AMD2:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens.

**Scope:** This International Standard deals with the safety of electrically operated commercial forced

convection ovens, steam cookers, steam-convection ovens and, exclusive of any other

use, steam generators, not intended for household and similar use, their rated voltage being

not more than 250 V for single-phase appliances connected between one phase and neutral

and 480 V for other appliances.

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**Replaces:** KS 04-1111-19:1998 Specification for household and similar electrical appliances - Part 19: Particular Requirements for commercial electric forced convection ovens

1. **Number:** IEC 60335-2-2:2009+AMD1:2012+AMD2:2016

**Title:** Household and similar electrical appliances – Safety –Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances

**Scope:** This International Standard deals with the safety of electric vacuum cleaners and water suction cleaning appliances for household and similar purposes, including vacuum cleaners for animal grooming, their rated voltage being not more than 250 V. It also applies to centrally-sited vacuum cleaners and automatic battery-powered cleaners. This standard also applies to motorized cleaning heads and current-carrying hoses associated with a particular vacuum cleaner.

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**Replaces:** KS 04-1111-19:1998Specification for household and similar electrical appliances - Part 19: Particular Requirements for commercial electric forced convection ovens

1. **Number:** IEC 60335-2-30:2009+AMD1:2016

**Title:** Household and similar electrical appliances - Safety -Part 2-30: Particular requirements for room heaters

**Scope:** This International Standard deals with the safety of electric room heaters for household and

similar purposes, their rated voltage being not more than 250 V for single-phase appliances

and 480 V for other appliances.

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**Replaces:** KS 04-1111-13:1993 Specification for household and similar electrical appliances - Part 13: Particular requirements for room heaters

1. **Number:** IEC 60335-2-5:2012+AMD1:2018

**Title:** Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers

**Scope:** This International Standard deals with the safety of electric dishwashers for household and

similar purposes that are intended for washing and rinsing dishes, cutlery and other utensils,

their rated voltage being not more than 250 V for single-phase appliances and 480 V for

other appliances.

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**Replaces:** KS 04-1111-3:1994 Specification for safety requirements for household electrical appliances - Part 3: Particular requirements for dishwashers

1. **Number:** IEC 60335-2-7:2008+AMD1:2011+AMD2:2016

**Title:** Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines

**Scope:** This International Standard deals with the safety of electric washing machines for household

and similar use, that are intended for washing clothes and textiles, their rated voltage being

not more than 250 V for single-phase appliances and 480 V for other appliances.

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**Replaces:** KS 04-1111-4:1993 Specification for safety requirements for household electrical appliances - Part 4: Particular requirements for washing machines

1. **Number:** IEC 60335-2-11:2008+AMD1:2012+AMD2:2015

**Title:** Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers

**Scope:** This International Standard deals with the safety of electric tumble dryers intended for

household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

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**Replaces:** KS 04-1111-7:1997 Specification for safety requirements for domestic and similar electrical appliances - Part 7: Particular requirements for tumbler dryers

1. **Number:** IEC 60335-2-36:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements

**Scope:** This International Standard deals with the safety of electrically operated commercial cooking

and baking ranges, ovens, hobs, hob elements and similar appliances not intended for

household and similar use, their rated voltage being not more than 250 V for single-phase

appliances connected between one phase and neutral and 480 V for other appliances.

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**Replaces:** KS 04-1111-15:1993 Specification for household and similar electrical appliances - Part 15: Particular requirements for commercial electric ranges, ovens and hob elements

1. **Number:** IEC 60335-2-39:2012+AMD1:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans

**Scope:** This International Standard deals with the safety of electrically operated commercial multipurpose cooking pans not intended for household and similar use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances. This standard also deals with pressurized appliances and appliances with pressurized parts.

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**Replaces:** KS 04-1111-18:1991 Specification for household and similar electrical appliances - Part 18: Particular requirements for commercial electric multi-purpose cooking pans

1. **Number:** IEC 60335-2-14:2016+AMD1:2019

**Title:** Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines

**Scope:** This part of IEC 60335 deals with the safety of electric kitchen machines for household and

similar purposes, their rated voltage being not more than 250 V.

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

– bean slicers;

– berry-juice extractors;

– blenders;

– can openers;

– centrifugal juicers;

– churns;

– citrus-fruit squeezers;

– coffee mills not exceeding 500 g hopper capacity;

– cream whippers;

– egg beaters;

– food mixers;

– food processors;

– grain grinders not exceeding 3 l hopper capacity;

– graters;

– ice-cream machines, including those for use in refrigerators and freezers;

– knife sharpeners;

– knives;

– mincers;

– noodle makers;

– potato peelers;

– shredders;

– sieving machines;

– slicing machines.

Appliances intended for normal household and similar use and that may also be used by

laymen in shops, in light industry and on farms, are within the scope of this standard.

However, 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.

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**Replaces:**

* + - 1. KS 04-1111-14:1993 Specification for household and similar electrical appliances - Part 2: Particular requirements for coffee mills and coffee grinders
      2. **Fdg**
      3. **Another Std.**

1. **Number:** IEC 60335-2-25:2010+AMD1:2014+AMD2:2015

**Title:** Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens

**Scope:** This International Standard deals with the safety of microwave ovens for household and similar

use, their rated voltage being not more than 250 V. This standard also deals with combination microwave ovens.

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**Replaces:** KS 1111-1:2000 Specification for safety of household and similar electrical appliances - Part 1: Particular requirements for microwave ovens.

1. **Number:** IEC 60335-2-9:2019

**Title:** Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances

**Scope:** This International Standard deals with the safety of electric portable appliances for

household and similar purposes that have a cooking function such as baking, roasting and

grilling, their rated voltage being not more than 250 V.

NOTE 101 Examples of appliances that are within the scope of this standard are

– barbecues for indoor use;

– breadmakers;

– candy floss appliances;

– contact grills (griddles);

– cookers;

– food dehydrators;

– hotplates;

– induction wok hotplates;

– pop-corn makers;

– portable ovens;

– raclette grills;

– radiant grills;

– roasters;

– rotary grills;

– rotisseries;

– toasters;

– waffle irons

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**Replaces:** KS 1111-6:2000 Specification for safety requirements for household and similar electrical appliances - Part 6: Particular requirements for toasters, grills, roasters and similar appliances

1. **Number:** IEC 60335-2-35:2012+AMD1:2016

**Title:** Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters

**Scope:** This International Standard deals with the safety of electric instantaneous water heaters for

household and similar purposes and intended for heating water below boiling temperature,

their rated voltage being not more than 250 V for single-phase appliances and 480 V for

other appliances. Instantaneous water heaters incorporating bare heating elements are within the scope of this

standard.

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**Replaces:** KS 1111-23:2002 Safety of household and similar electrical appliances - Part 23: Particular requirements for instantaneous water heaters.

1. **Number:** IEC 60335-2-4:2008+AMD1:2012+AMD2:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

**Scope:** This International Standard deals with the safety of stand-alone electric spin extractors and spin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances.

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**Replaces:** KS 1111-24:2005 Safety of household and similar electrical appliances - Part 24: Particular requirements for spin extractors.

1. **Number:** IEC 60335-2-24:2010+AMD1:2012+AMD2:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers

**Scope:** This International Standard deals with the safety of the following appliances, their rated

voltage being not more than 250 V for single-phase appliances, 480 V for other appliances

and 24 V d.c. for appliances when battery operated.

– refrigerating appliances for household and similar use;

– ice-makers incorporating a motor-compressor and ice-makers intended to be

incorporated in frozen food storage compartments;

– refrigerating appliances and ice-makers for use in camping, touring caravans and boats

for leisure purposes.

These appliances may be operated from the mains, from a separate battery or operated either

from the mains or from a separate battery.

This standard also deals with the safety of ice-cream appliances intended for household use,

their rated voltage being not more than 250 V for single-phase appliances and 480 V for

other appliances.

It also deals with compression-type appliances for household and similar use, which use

flammable refrigerants.

This standard does not cover features of the construction and operation of those

refrigerating appliances which are dealt with in other IEC standards.

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**Replaces:** KS 1111-25:2005 Safety of household and similar electrical appliances - Part 25: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers.

1. **Number:** IEC 60335-2-89:2019

**Title:** Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor

**Scope:** This part of IEC 60335 specifies safety requirements for electrically operated commercial

refrigerating appliances and ice-makers that have an incorporated motor-compressor or that

are supplied in two units for assembly as a single appliance in accordance with the

instructions (split system).

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

– refrigerated display and storage cabinets;

– refrigerated trolley cabinets;

– service counters and self-service counters;

– blast chillers and blast freezers;

– commercial ice-makers.

As far as is practicable, this standard deals with the common hazards presented by these

types of appliances including those that use flammable refrigerants and appliances

employing R-744 refrigerant.

This International Standard is not applicable to appliances with a mass of flammable

refrigerant exceeding the limits specified in 22.110 or to appliances with that use refrigerants

with a toxicity classification of B according to ISO 817.

It does not cover those features of construction and operation of refrigerating appliances that

are dealt with in ISO standards.

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**Replaces:** NEW

1. **Number:** IEC 60335-2-31:2012+AMD1:2016+AMD2:2018

**Title:** Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors

**Scope:** This International Standard deals with the safety of electric range hoods and other cooking

fume extractors intended for installing above, beside, behind or under household cooking

ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V.

NOTE 101 The cooking appliance may be supplied by electricity or other fuels, such as gas.

Appliances not intended for normal household use but that 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.

**Online Preview:**

**Replaces:** KS 1111-28:2005 Safety of household and similar electrical appliances - Part 26: Particular requirements for ranges hoods.

1. **Number:** IEC 60335-2-15:2012+AMD1:2016+AMD2:2018

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

**Scope:** This International Standard deals with the safety of electrical appliances for heating liquids for

household and similar purposes, their rated voltage being not more than 250 V.

NOTE 101 Some appliances can be used for heating food.

NOTE 102 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 maker;

– wash boilers;

– yoghurt makers.

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**Replaces:** KS 1111-27:2005 Safety of household and similar electrical appliances - Part 27: Particular requirements for appliances for heating liquids.

1. **Number:** IEC 60335-2-47:2002+AMD1:2008+AMD2:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-47: Particular requirements for commercial electric boiling pans

**Scope:** This International Standard deals with the safety of electrically operated commercial boiling

pans not intended for household and similar use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other

appliances.

These appliances are used for commercial processing of food, for example in kitchens of restaurants,

canteens, hospitals and in commercial enterprises such as bakeries, butcheries, etc.

The electrical part of appliances making use of other forms of energy is also within the scope

of this standard.

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**Replaces:** KS 1111-30:2005 Safety of household and similar electrical appliances - Part 30: Particular requirements for commercial electric boiling pans.

1. **Number**: IEC 60335-2-49:2002+AMD1:2008+AMD2:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm

**Scope:** This International Standard deals with the safety of electrically operated commercial hot cupboards appliances for keeping food and crockery warm not intended for household and similar use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances.

Hot cupboards with heated tops, heated display cases, heated crockery dispensers and heated shelves and tables are also within the scope of this standard. Examples of appliances that are within the scope of this standard are:

– hot cupboards, with or without heated tops;

– heated tops;

– heated display cases;

– heated crockery dispensers;

– heated tables;

– radiant heaters.

These appliances are used for processing food and/or rethermalising it, for example in kitchens of

restaurants, canteens, hospitals and similar in commercial enterprises such as bakeries, butcheries, etc.

The electrical part of appliances making use of other forms of energy is also within the scope of this standard.

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**Replaces:** KS 1111-32:2005 Safety of household and similar electrical appliances - Part 32: Particular requirements for commercial electric hot cupboards.

1. **Number:** IEC 60335-2-53:2011+AMD1:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins

**Scope:** This International Standard deals with the safety of electric sauna heating appliances and infrared emitting units having a rated power input not exceeding 20 kW, their rated voltage being not more than 250 V for single phase appliances and 480 V for other appliances.

The appliances covered by this standard are intended for use in the home and in public saunas located in blocks of flats, hotels and similar locations.

Sauna heating appliances may be of the thermal storage type. This standard also deals with the safety of electric sauna heating appliances provided with a humidifier unit, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. The room air is humidified by evaporating or atomising water.

A humidifier may be part of a sauna heating appliance or may be incorporated in the sauna heater.

The sauna heating appliance or sauna heater may be operated with or without the humidifier.

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**Replaces:** KS 1111-33:2005 Safety of household and similar electrical appliances - Part 33: Particular requirements for sauna heating appliances.

1. **Number:** IEC 60335-2-56:2002+AMD1:2008+AMD2:2014

**Title:** Household and similar electrical appliances - Safety - Part 2-56:Particular requirements for projectors and similar appliances

**Scope:** This International Standard deals with the safety of electric projectors and similar appliances

for household and similar purposes, their rated voltage being not more than 250 V.

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

– effects projectors;

– film-strip projectors;

– film viewers;

– microscope projectors;

– motion-picture projectors;

– opaque projectors (episcopes);

– overhead projectors;

– photographic enlargers;

– photo-reproduction appliances;

– slide projectors (diascopes);

– slide-sorting appliances.

– still viewers.

– opaque-transparency projectors (epidiascopes)

Appliances may incorporate sound amplifiers.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60335-2-56%7Bed3.2%7Db.pdf**](https://webstore.iec.ch/preview/info_iec60335-2-56%7Bed3.2%7Db.pdf)

**Replaces:** KS 1111-34:2005 Safety of household and similar electrical appliances - Part 34: Particular requirements for projectors and similar appliances.

1. **Number:** IEC 60335-2-59:2002+AMD1:2006+AMD2:2009

**Title:** Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers

**Scope:** This International Standard deals with the safety of electric insect killers for household and

similar purposes, their rated voltage being not more than 250 V.

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**Replaces:** KS 1111-35:2005 Safety of household and similar electrical appliances - Part 35: Particular requirements for insect killers.

1. **Number:** IEC 60335-2-67:2012+AMD1:2016

**Title:** Household and similar electrical appliances - Safety - Part 2-67: Particular requirements for floor treatment machines, for commercial use

**Scope:** This International Standard deals with the safety of powered floor treatment machines

intended for commercial indoor or outdoor use for the following applications:

– scrubbing,

– wet or dry pick-up,

– polishing and dry buffing,

– application of wax, sealing products and powder based detergents,

– shampooing,

– stripping, grinding and scarifying

of floors with an artificial surface

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**Replaces:** KS 1111-36:2005 Safety of household and similar electrical appliances - Part 36: Particular requirements for floor-treatment and floor-cleaning machines, for industrial and commercial use.

1. **Number:** IEC 60335-2-74:2002+AMD1:2006+AMD2:2009

**Title:** Household and similar electrical appliances - Safety - Part 2-74: Particular requirements for portable immersion heaters

**Scope:** This International Standard deals with the safety of portable electric immersion heaters for

household and similar purposes, their rated voltage being not more than 250 V.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60335-2-74%7Bed2.2%7Db.pdf**](https://webstore.iec.ch/preview/info_iec60335-2-74%7Bed2.2%7Db.pdf)

**Replaces:** KS 1111-37:2005 Safety of household and similar electrical appliances - Part 37: Particular requirements for portable immersion heaters.

1. **Number:** IEC 60335-2-85:2002+AMD1:2008+AMD2:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-85: Particular requirements for fabric steamers

**Scope:** This International Standard deals with the safety of electric fabric steamers intended for

household and similar purposes, their rated voltage being not more than 250 V.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60335-2-85%7Bed2.2%7Db.pdf**](https://webstore.iec.ch/preview/info_iec60335-2-85%7Bed2.2%7Db.pdf)

**Replaces:** KS 1111-38:2005 Safety of household and similar electrical appliances - Part 38: Particular requirements for fabric steamers.

1. **Number:** IEC 60335-2-90:2015

**Title:** Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens

**Scope:** This International Standard deals with:

• the safety of microwave ovens with a cavity door intended for commercial use, their rated

voltage being not more than 250 V for single-phase appliances connected between one

phase and neutral and 480 V for other appliances;

• the safety of combination microwave ovens with a cavity door, the requirements for which

are contained in Annex AA;

• the safety of microwave ovens without a cavity door and with transportation means that

are intended for commercial use only, for the heating of food and beverages.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60335-2-90%7Bed4.0%7Den.pdf**](https://webstore.iec.ch/preview/info_iec60335-2-90%7Bed4.0%7Den.pdf)

**Replaces:** KS 1111-40:2005 Safety of household and similar electrical appliances - Part 40: Particular requirements for commercial microwave ovens.

1. **Number:** IEC 60335-2-91:2008

**Title:** Household and similar electrical appliances - Safety - Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edge trimmers

**Scope:** This International Standard deals with the safety of electric powered walk-behind and handheld lawn trimmers and lawn edge trimmers, with cutting element(s) of non-metallic

filament line or freely pivoting non-metallic cutter(s), with a kinetic energy of not more than

10 J each, used by a standing operator for cutting grass, their rated voltage being not more

than 250 V for a.c. or 50 V d.c..

In this standard, hand-held and walk-behind lawn trimmers and lawn edge trimmers are

referred to collectively as trimmer(s).

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60335-2-91%7Bed3.0%7Den.pdf**](https://webstore.iec.ch/preview/info_iec60335-2-91%7Bed3.0%7Den.pdf)

**Replaces:** KS 1111-41:2005 Safety of household and similar electrical appliances - Part 41: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edge trimmers.

1. **Number:** IEC 60335-2-94:2008

**Title:** Household and similar electrical appliances - Safety - Part 2-94: Particular requirements for scissors type grass shears

**Scope:** This standard deals with the safety of electric powered hand-held scissors type grass shears with a maximum cutting width of 200 mm designed primarily for cutting grass, their rated voltage being not more than 250 V for a.c. or 50 V d.c. The term “grass shear” within this standard means “electric powered scissors type grass shear”.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60335-2-94%7Bed3.0%7Den.pdf**](https://webstore.iec.ch/preview/info_iec60335-2-94%7Bed3.0%7Den.pdf)

**Replaces:** KS 1111-43:2005 Safety of household and similar electrical appliances - Part 43: Particular requirements for scissors type grass shears.

1. **Number:** IEC 60335-2-95:2011+AMD1:2015+AMD2:2017

**Title:** Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

**Scope:** This International Standard deals with the safety of electric drives for garage doors for residential use that open and close in a vertical direction, the rated voltage of the drives being not more than 250 V for single-phase appliances and 480 V for other appliances. It also covers the hazards associated with the movement of these electrically driven garage doors.

The drive may be supplied with a garage door. NOTE 103 This standard also applies to entrapment protection devices for use with drives. It does not cover hazards related to the mechanisms of the door itself.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60335-2-95%7Bed3.2%7Den.pdf**](https://webstore.iec.ch/preview/info_iec60335-2-95%7Bed3.2%7Den.pdf)

**Replaces:** KS 1111-44:2005 Safety of household and similar electrical appliances - Part 44: Particular requirements for drives for vertically moving garage doors for residential use.

1. **Number:** IEC 60335-2-97:2016

**Title:** Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment

**Scope:** This International Standard deals with the safety of electric drives for shutters, blinds and awnings, intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase drives and 480 V for other drives.

Battery-operated drives and other d.c. supplied drives are within the scope of this standard.

Examples of equipment that can be driven are

– spring controlled folding arm awnings;

– curtains;

– grilles covering doors and windows;

– projection screens;

– shutters covering doors and windows;

– draperies.

Drives may be supplied with a driven part.

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

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**Replaces:** KS 1111-45:2005 Safety of household and similar electrical appliances - Part 45: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment.

1. **Number:** IEC 60335-2-98:2002+AMD1:2004+AMD2:2008

**Title:** Household and similar electrical appliances - Safety - Part 2-98: Particular requirements for humidifiers

**Scope:** This International Standard deals with the safety of electric humidifiers for household and similar use, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

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

– appliances that atomize water;

– appliances that evaporate water by heating;

– appliances that blow air through a moist element.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60335-2-98%7Bed2.2%7Db.pdf**](https://webstore.iec.ch/preview/info_iec60335-2-98%7Bed2.2%7Db.pdf)

**Replaces:** KS 1111-46:2005 Safety of household and similar electrical appliances - Part 46: Particular requirements for humidifiers.

We are therefore seeking views from potential users in respect of the same. The Standards are available at the Kenya Bureau of Standards Information Centre and a preview via the links on the individual standards.

Please tick and fill your preference of the listed option. (If the spaces provided are not enough, please attach a separate sheet of paper).

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| --- | --- | --- | --- | --- |
| No. | Standard | Adoption Accepted | Adoption not Acceptable | Recommendation |
| 1. | IEC 60335-1:2010+AMD1:2013+AMD2:2016 |  |  |  |
| 2. | IEC 60335-2-23: 2016 |  |  |  |
| 3. | IEC 60335-2-8:2012+AMD1:2015+AMD2:2018 |  |  |  |
| 4. | IEC 60335-2-26:2002+AMD1:2008 |  |  |  |
| 5. | IEC 60335-2-14:2016 |  |  |  |
| 6. | IEC 60335-2-80: 2015 |  |  |  |
| 7. | IEC 60335-2-13:2009+AMD1:2016 |  |  |  |
| 8. | IEC 60335-2-28:2002+AMD1:2008 |  |  |  |
| 9. | IEC 60335-2-38: 2017 |  |  |  |
| 10. | IEC 60335-2-42:2002+AMD1:2008+AMD2:2017 |  |  |  |
| 11. | IEC 60335-2-2:2009+AMD1:2012+AMD2:2016 |  |  |  |
| 12. | IEC 60335-2-30:2009+AMD1:2016 |  |  |  |
| 13. | IEC 60335-2-5:2012+AMD1:2018 |  |  |  |
| 14. | IEC 60335-2-7:2008+AMD1:2011+AMD2:2016 |  |  |  |
| 15. | IEC 60335-2-11:2008+AMD1:2012+AMD2:2015 |  |  |  |
| 16. | IEC 60335-2-36:2017 |  |  |  |
| 17. | IEC 60335-2-39:2012+AMD1:2017 |  |  |  |
| 18. | IEC 60335-2-14:2016+AMD1:2019 |  |  |  |
| 19. | IEC 60335-2-25:2010+AMD1:2014+AMD2:2015 |  |  |  |
| 20. | IEC 60335-2-9:2019 |  |  |  |
| 21. | IEC 60335-2-35:2012+AMD1:2016 |  |  |  |
| 22. | IEC 60335-2-4:2008+AMD1:2012+AMD2:2017 |  |  |  |
| 23. | IEC 60335-2-24:2010+AMD1:2012+AMD2:2017 |  |  |  |
| 24. | IEC 60335-2-89:2019 |  |  |  |
| 25. | IEC 60335-2-31:2012+AMD1:2016+AMD2:2018 |  |  |  |
| 26. | IEC 60335-2-15:2012+AMD1:2016+AMD2:2018 |  |  |  |
| 27. | IEC 60335-2-47:2002+AMD1:2008+AMD2:2017 |  |  |  |
| 28. | IEC 60335-2-49:2002+AMD1:2008+AMD2:2017 |  |  |  |
| 29. | IEC 60335-2-53:2011+AMD1:2017 |  |  |  |
| 30. | IEC 60335-2-56:2002+AMD1:2008+AMD2:2014 |  |  |  |
| 31. | IEC 60335-2-59:2002+AMD1:2006+AMD2:2009 |  |  |  |
| 32. | IEC 60335-2-67:2012+AMD1:2016 |  |  |  |
| 33. | IEC 60335-2-74:2002+AMD1:2006+AMD2:2009 |  |  |  |
| 34. | IEC 60335-2-85:2002+AMD1:2008+AMD2:2017 |  |  |  |
| 35. | IEC 60335-2-90:2015 |  |  |  |
| 36. | IEC 60335-2-91:2008 |  |  |  |
| 37. | IEC 60335-2-94:2008 |  |  |  |
| 38. | IEC 60335-2-95:2011+AMD1:2015+AMD2:2017 |  |  |  |
| 39. | IEC 60335-2-97:2016 |  |  |  |
| 40. | IEC 60335-2-98:2002+AMD1:2004+AMD2:2008 |  |  |  |

Name and signature (of respondent) ………………………………………… Position…………………

Signature: …………………………………………………….

On behalf of: (Name of organization)

Date:

**NOTE:** Absence of any reply or comments shall be deemed to be an acceptance of the proposal for confirmation and **shall constitute an approval vote**.