

CERTIFICATE OF ACCREDITATION

Korea Testing Laboratory

Accreditation No. : KPC013

Corporation Registration No. : 254371-0012187

Address of Product Certification Body : (Branch site) 10 Chungui-ro, Jinju-si,
Gyeongsangnam-do, Republic of Korea
(Branch site-1) 87, Digital-ro 26-gil, Guro-gu,
Seoul, Republic of Korea

Date of Initial Accreditation : August 12, 2010

Validity of Accreditation : September 27, 2022 ~ September 26, 2026

Type of Certification : Product

Scope of Accreditation : Attached Annex

Date of issue : February 12, 2025

This Product Certification Body is accredited in accordance with the recognized International Standard ISO/IEC 17065: 2012. This accreditation demonstrates technical competence for a defined scope and the operation of a certification body quality management system (refer to Joint ISO-ILAC-IAF Communique).



Oh, Kwang Hae

Head

Korea Laboratory Accreditation Scheme

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○ Field and Scope of Accreditation

• Certification Scheme: V-check Mark(KTL) Certification Scheme

- Normative document :

① Procedure for V-Check Mark of Product Certification (P901) Ed. 3

② Operation Document for Certification Scheme of V-Check Mark (P908) Ed. 1-1

| Group | Products | Category of product | Standard | Site | Scheme type |
|--|---|---|---|------|------------------------------|
| 03.043 Manufacture of electronic video and audio equipment | Audio, video and appliances | Safety of audio, video and similar electronic equipment | Safety of audio, video and similar electronic equipment [KC 60065:2015 / IEC 60065:2014 / IEC 62368-1:2018 / IEC 62368-1:2023] | BS-1 | Scheme type 3, Scheme type 5 |
| | Information and communication. Office equipment | Information technology equipment | Information technology equipment - Safety Part 1: General requirements [K 60950-1:2011 / IEC 60950-1:2013 / IEC 62368-1:2018 / IEC 62368-1:2023] | BS-1 | Scheme type 3, Scheme type 5 |
| | Audio, video and appliances | Television receiver | Energy efficiency of televisions. Report of energy consumption, methods of testing and labeling. [RTE INEN 117:2014] | BS-1 | Scheme type 1a |
| 03.050 Manufacture of electric tubes and bulbs and lighting equipment | Lighting equipment | Lamp holders | Lamp holders for Tubular Fluorescent Lamps and Starter holders [KC 60400:2021] | BS | Scheme type 3 |
| | | Edison Screw Lamp holder | Edison Screw Lamp holder [KC 60238:2015] | BS | Scheme type 3 |
| | | Miscellaneous Lamp holders | Miscellaneous Lamp holders - Part 1: General Requirements and Tests | BS | Scheme type 3 |

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|-------|----------|--|--|------|---------------|
| | | | [KC 60838-1:2011] Amendment 2 - Miscellaneous lamp holders - Part 2-1: Particular requirements - Lamp holders [KC 60838-2-1:2015] Miscellaneous lamp holders - Part 2-2: Particular requirements Connectors for LEDmodules [KC 60838-2-2:2022] Bayonet lamp holders [K 61184:2008] | | |
| | | Lamp holders for Tubular Fluorescent Lamps | Lamp holders for Tubular Fluorescent Lamps and Starter holders [KC 60400:2021] | BS | Scheme type 3 |
| | | Luminaires | Luminaires - Part 1: General requirements and tests [KC 60598-1:2022] Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires [KC 60598-2-1:2022] | BS | Scheme type 3 |

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|-------|----------|---|--|------|---------------|
| | | | <p>Luminaires - Part 2-2: Particular requirements - Recessed luminaires [KC 60598-2-2:2022]</p> <p>Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires [KC 60598-2-4:2022]</p> | | |
| | | PLS Lamps | <p>PLS-Type Electrode-less Lamps - Safety Regulation [K 10006:2006]</p> | BS | Scheme type 3 |
| | | Incandescent Lamp-Electric stands(with electronic circuit structure) | <p>Luminaires - Part 1: General requirements and tests [KC 60598-1:2022]</p> <p>Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires [KC 60598-2-1:2022]</p> <p>Luminaires - Part 2: Particular requirements - Section 2: Recessed luminaires [KC 60598-2-2:2022]</p> <p>Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires [KC 60598-2-4:2022]</p> | BS | Scheme type 3 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|--|---|------|---------------|
| | | LED lamp | <p>Luminaires - Part 1: General requirements and tests [KC 60598-1:2022]</p> <p>Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires [KC 60598-2-1:2022]</p> <p>Luminaires - Part 2: Particular requirements - Section 2: Recessed luminaires [KC 60598-2-2:2022]</p> <p>Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires [KC 60598-2-4:2022]</p> <p>Tublar LED lamps of Luminaires – Safety requirements [K 10021:2021]</p> | BS | Scheme type 3 |
| | | Halogen lamp (limited to those with an electronic circuit and maximum of 150W per lamp) | <p>Luminaires - Part 1: General requirements and tests [KC 60598-1:2022]</p> <p>Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires</p> | BS | Scheme type 3 |

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|-------|----------|---|--|------|---------------|
| | | | [KC 60598-2-1:2022] Luminaires - Part 2: Particular requirements - Section 2: Recessed luminaires [KC 60598-2-2:2022] Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires [KC 60598-2-4:2022] | | |
| | | High-Intensity discharge lamp (limited to those with a driving device and maximum of 150W per lamp) | Luminaires - Part 1: General requirements and tests [KC 60598-1:2022] Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires [KC 60598-2-1:2022] Luminaires - Part 2: Particular requirements - Section 2: Recessed luminaires [KC 60598-2-2:2022] Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires [KC 60598-2-4:2022] | BS | Scheme type 3 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|--|--|------|---------------|
| | | Floodlight (limited to those with a driving device and maximum of 150W per lamp) | <p>Luminaires - Part 1: General requirements and tests [KC 60598-1:2022]</p> <p>Luminaires - Part 2-5: Particular requirements - Floodlights [KC 60598-2-5:2022]</p> | BS | Scheme type 3 |
| | | Ballasts for tubular fluorescent lamps (limited to those with a rated input of 1,000W or less) | <p>Lamp control gear - Part 1 : General and safety requirements [KC 61347-1:2022]</p> <p>Lamp control gear - Part 2-8: Particular requirements for ballasts for fluorescent lamps [KC 61347-2-8:2022]</p> <p>Ballasts for tubular fluorescent lamps - Performance requirements [KC 60921:2015]</p> <p>Lamp control gear - Part 2-9: Particular requirements for electromagnetic control gear for discharge lamps (excluding fluorescent lamps) [KC 61347-2-9:2022]</p> <p>Auxiliaries for lamps-</p> | BS | Scheme type 3 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|--|--|------|---------------|
| | | | Ballasts for discharge lamps (excluding tubular fluorescent lamps) - Performance requirements [KC 60923:2015] | | |
| | | Electronic control gear for tubular fluorescent lamp (limited to those with a rated input of 1,000W or less) | Lamp control gear - Part 1 : General and safety requirements [KC 61347-1:2022] Lamp control gear - Part 2-3 : Particular requirements for a.c. and/or d.c. supplied electronic ballasts for fluorescent lamps [KC 61347-2-3:2015] AC and / or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements [KC 60929:2022] Lamp control gear - Part 2-12 : Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps(excluding fluorescent lamps) [KC 61347-2-12:2022] Lamp control gear | BS | Scheme type 3 |

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|-------|----------|--|--|------|---------------|
| | | | <p>- Part 2-2 : Particular requirements for d.c. or a.c. supplied electronic step-down converts or for filament lamps [KC 61347-2-2:2015]</p> <p>D.C. or A.C. supplied electronic step-down convertors for filament lamps - Performance requirements [KC 61047:2008]</p> <p>Controlgear for electric light sources – Safety – Part 2-13: Particular requirements – Electronic controlgear for LED light sources [KC 61347-2-13:2022]</p> | | |
| | | Neon transformers | Transformers for tubular discharge lamps having a no-load output voltage exceeding 1 000 V(generally called neon transformers) - General and safety requirements [KC 61050:2022] | BS | Scheme type 3 |
| | | Converter for lighting(including LED power supply) | <p>Lamp control gear - Part 1 : General and safety requirements [KC 61347-1:2022]</p> <p>Lamp control gear - Part 2-10: Particular requirements for</p> | BS | Scheme type 3 |

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|-------|----------|---|--|------|---------------|
| | | | electronic invertors and convertors for high frequency operation of cold start tubular discharge lamps (neon tubes) [KC 61347-2-10:2009] | | |
| | | Self-Ballasted Lamps for General Lighting (including for LED) | Self-Ballasted Lamps for General Lighting Services - Safety Requirements [KC 60968:2022] Self-ballasted compact fluorescent lamps for general lighting services – performance requirements [KC 60969:2015] Self-ballasted compact fluorescent lamps for general lighting services – performance and safety requirements [K 10023:2022] | BS | Scheme type 3 |
| | | Incandescent Lamp ·Electric stand (without electronic circuit structure) | Luminaires - Part 1: General requirements and tests [KC 60598-1:2022] Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires [KC 60598-2-1:2022] | BS | Scheme type 3 |

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|-------|----------|-------------------------|--|------|---------------|
| | | | <p>Luminaire - Part 2: Particular requirements - Section 2: Recessed luminaire [KC 60598-2-2:2022]</p> <p>Luminaire - Part 2-4: Particular requirements - Portable general purpose luminaire [KC 60598-2-4:2022]</p> | | |
| | | Chandelier(1kW or less) | <p>Luminaire - Part 1: General requirements and tests [KC 60598-1:2022]</p> <p>Luminaire - Part 2-1: Particular requirements - Fixed general purpose luminaire [KC 60598-2-1:2022]</p> | BS | Scheme type 3 |
| | | Fluorescent lamps | <p>Double-capped fluorescent lamps - Safety specifications [KC 61195:2020]</p> <p>Double- Capped Fluorescent Lamps - Performance Specifications [KC 60081:2017]</p> <p>Single-capped fluorescent lamps - Safety specifications [KC 61199:2020]</p> | BS | Scheme type 3 |

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|-------|----------|---|--|------|---------------|
| | | | Single-Capped Fluorescent Lamps – Performance Specifications [KC 60901:2017] | | |
| | | Electrodeless fluorescent lamp | Electrodeless fluorescent lamp - Safety requirements [K 10005:2011] | BS | Scheme type 3 |
| | | Mercury Vapour Lamps | Discharge lamps (excluding fluorescent lamps) - Safety specifications [KC 62035:2020] High-Pressure Mercury Vapour Lamps - Performance Specifications [KC 60188:2015] | BS | Scheme type 3 |
| | | Metal halide lamps | Discharge lamps (excluding fluorescent lamps) - Safety specifications [KC 62035:2020] Metal halide lamps - Performance specification [KC 61167:2015] | BS | Scheme type 3 |
| | | Sodium Vapour Lamps (including color lamps) | Discharge lamps (excluding fluorescent lamps) - Safety specifications [KC 62035:2020] | BS | Scheme type 3 |

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|-------|----------|---|---|------|---------------|
| | | | High-Pressure Sodium Vapour Lamps – Performance specifications [KC 60662:2015] Low-pressure sodium vapour lamps – Performance specifications [KC 60192:2015] | | |
| | | Lighting chains | Luminaires - Part 1: General requirements and tests [KC 60598-1:2022] Luminaires - Part 2-20: Particular requirements – Lighting chains [KC 60598-2-20:2022] | BS | Scheme type 3 |
| | | Hand lamps | Luminaires - Part 1: General requirements and tests [KC 60598-1:2022] Luminaires - Part2-8: Particular requirements – Hand lamps [KC 60598-2-8:2021] | BS | Scheme type 3 |
| | | Floodlights (limited to those with a structure without a driving device and maximum of 150W per lamp) | Luminaires - Part 1: General requirements and tests [KC 60598-1:2022] Luminaires - Part 2-5: Particular requirements - Floodlights | BS | Scheme type 3 |

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|-------|----------|---|--|------|---------------|
| | | | [KC 60598-2-5:2022] | | |
| | | Halogen lamp (limited to those with a structure without a driving device and maximum of 150W per lamp) | <p>Luminaires - Part 1: General requirements and tests [KC 60598-1:2022]</p> <p>Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires [KC 60598-2-1:2022]</p> <p>Luminaires - Part 2: Particular requirements - Section 2: Recessed luminaires [KC 60598-2-2:2022]</p> <p>Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires [KC 60598-2-4:2022]</p> | BS | Scheme type 3 |
| | | Incandescent lamps | <p>Incandescent lamps - Safety specifications - Part 1: Tungsten filament lamps for domestic and similar general lighting purposes [KC 60432-1:2015]</p> <p>Tungsten filament lamps for domestic and similar general lighting purposes - Performance requirements [KC 60064:2015]</p> | BS | Scheme type 3 |

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|-------|----------|--|---|------|---------------|
| | | LED modules | LED modules for general lighting – Safety specifications [KC 62031:2022] LED Lamp for Fluorescent Lamp Retrofit – Internal converter type [KC 10025:2022] | BS | Scheme type 3 |
| | | Halogen lamps(250W or less)(including color lamps) | Incandescent lamps – Safety specification – Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes [KC 60432-2:2015] Incandescent lamps – Safety specification – Part 3: Tungsten halogen lamps (non-vehicle) [KC 60432-3:2015] | BS | Scheme type 3 |
| | | Glowstarters for lamps | Glowstarters for fluorescent lamps [KC 60155:2015] | BS | Scheme type 3 |
| | | Starting devices for lamps | Lamp control gear - Part 1 : General and Safety Requirements [KC 61347-1:2022] Lamp control gear - Part 2-1 : Particular requirements for starting devices (other than glow starters) [KC 61347-2-1:2015] Auxiliaries for Lamps - | BS | Scheme type 3 |

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|--|----------------------|---|--|------|---------------------------------|
| | | | Starting Devices (Other Than Glow Starters) - Performance Requirements [KC 60927:2022] | | |
| 03.051 Manufacture of domestic appliances | Electrical equipment | Household and similar electrical appliances | Household and similar electrical appliances - Safety - Part 1: General requirements [KC 60335-1:2022 / IEC 60335-1:2020] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Vacuum cleaners and water-suction cleaning appliances | Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances [KC 60335-2-2:2015 / IEC 60335-2-2:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Electric irons | Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons [KC 60335-2-3:2016 / IEC 60335-2-3:2015] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Spin extractors | Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors [KC 60335-2-4:2016 / IEC 60335-2-4:2021] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Dishwashers | Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers [KC 60335-2-5:2016 / IEC 60335-2-5:2018] | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|---|---|------|---------------------------------|
| | | Stationary cooking ranges, hobs, ovens and similar appliances | Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances [KC 60335-2-6:2022 / IEC 60335-2-6:2018] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Washing machines | Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines [KC 60335-2-7:2021 / IEC 60335-2-7:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Shavers, hair clippers and similar appliances | Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances [KC 60335-2-8:2016 / IEC 60335-2-8:2018] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Grills, toasters and similar portable cooking appliances | Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances [K 60335-2-9:2013 / IEC 60335-2-9:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Floor treatment machines and wet scrubbing machines | Household and similar electrical appliances - Safety - Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines [KC 60335-2-10:2015 / IEC 60335-2-10:2008] | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|---|---|------|------------------------------|
| | | Tumble dryers | Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers [KC 60335-2-11:2021 / IEC 60335-2-11:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Warming plates and similar appliances | Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances [KC 60335-2-12:2015 / IEC 60335-2-12:2017] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Deep fat fryers, frying pans and similar appliances | Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances [KC 60335-2-13:2016 / IEC 60335-2-13:2016] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Kitchen machines | Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines [KC 60335-2-14:2016 / IEC 60335-2-14:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Appliances for heating liquids | Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids [KC 60335-2-15:2022 / IEC 60335-2-15:2018] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Food waste disposers | Household and similar electrical appliances - | BS-1 | Scheme type 3, Scheme type 5 |

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|-------|----------|--|--|------|---------------------------------|
| | | | Safety - Part 2-16: Particular requirements for food waste disposers [KC 60335-2-16:2015 / IEC 60335-2-16:2012] | | |
| | | Blanks, pads and similar flexible heating appliances | Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blanks, pads and similar flexible heating appliances [KC 60335-2-17:2015 / IEC 60335-2-17:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Storage water heaters | Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters [KC 60335-2-21:2015 / IEC 60335-2-21:2018] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Appliances for skin or hair care | Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for skin or hair care [KC 60335-2-23:2022 / IEC 60335-2-23:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Refrigerating appliances, ice-cream appliances and ice makers | Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers [KC 60335-2-24:2022 / IEC 60335-2-24:2020] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Microwave ovens, including combination microwave ovens | Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination | BS-1 | Scheme type 3, Scheme type 5 |

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|-------|----------|--|---|------|---------------------------------|
| | | | microwave ovens [KC 60335-2-25:2022 / IEC 60335-2-25:2020] | | |
| | | Clocks | Household and similar electrical appliances - Safety - Part 2-26: Particular requirements for clocks [KC 60335-2-26:2015 / IEC 60335-2-26:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Appliances for skin exposure to ultraviolet and infrared radiation | Household and similar electrical appliances - Safety - Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation [KC 60335-2-27:2015 / IEC 60335-2-27:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Sewing machines | Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines [KC 60335-2-28:2015 / IEC 60335-2-28:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Battery chargers | Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers [KC 60335-2-29:2020 / IEC 60335-2-29:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Room heaters | Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters [KC 60335-2-30:2016 / IEC 60335-2-30:2016] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Range hoods and other cooking fume extractors | Household and similar electrical appliances - Safety - Part 2-31: | BS-1 | Scheme type 3, Scheme type 5 |

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|-------|----------|---|---|------|---------------------------------|
| | | | Particular requirements for range hoods and other cooking fume extractors [KC 60335-2-31:2022 / IEC 60335-2-31:2018] | | |
| | | Massage appliances | Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances [KC 60335-2-32:2015 / IEC 60335-2-32:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Motor-compressors | Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors [KC 60335-2-34:2015 / IEC 60335-2-34:2021] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Instantaneous water heaters | Household and similar electrical appliances - Safety - Part 2-35: Particular requirements for instantaneous water heaters [KC 60335-2-35:2022 / IEC 60335-2-35:2020] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Electrical heat pumps, air-conditioners and dehumidifiers | Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers [KC 60335-2-40:2022 / IEC 60335-2-40:2018] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Pumps | Household and similar electrical appliances - Safety - Part 2-41: Particular requirements for pumps [KC 60335-2-41:2015 / IEC 60335-2-41:2012] | BS-1 | Scheme type 3, Scheme type 5 |

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|-------|----------|---|--|------|---------------------------------|
| | | Clothes dryers and towel rails | Household and similar electrical appliances - Safety - Part 2-43: Particular requirements for clothes dryers and towel rails [KC 60335-2-43:2022 / IEC 60335-2-43:2017] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Ironers | Household and similar electrical appliances - Safety - Part 2-44: Particular requirements for ironers [KC 60335-2-44:2021 / IEC 60335-2-44:2011] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Portable heating tools and similar appliances | Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances [KC 60335-2-45:2016 / IEC 60335-2-45:2012] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Commercial electric appliances for keeping food and crockery warm | Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm [KC 60335-2-49:2015 / IEC 60335-2-49:2017] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Oral hygiene appliances | Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances [KC 60335-2-52:2015 / IEC 60335-2-52:2017] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Sauna heating appliances and | Household and similar electrical appliances - | BS-1 | Scheme type 3, Scheme type 5 |

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|-------|----------|--|--|------|---------------------------------|
| | | infrared cabins | Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins [KC 60335-2-53:2015 / IEC 60335-2-53:2021] | | |
| | | Surface-cleaning appliances for household use employing liquids or steam | Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam [KC 60335-2-54:2015 / IEC 60335-2-54:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Electrical appliances for use with aquariums and garden ponds | Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds [KC 60335-2-55:2015 / IEC 60335-2-55:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Projectors and similar appliances | Household and similar electrical appliances - Safety - Part 2-56: Particular requirements for projectors and similar appliances [KC 60335-2-56:2015 / IEC 60335-2-56:2014] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Commercial electric dishwashing machines | Household and similar electrical appliances - Safety - Part 2-58: Particular requirements for commercial electric dishwashing machines [KC 60335-2-58:2022 / IEC 60335-2-58:2017] | BS-1 | Scheme type 3, Scheme type 5 |

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|-------|----------|--|--|------|---------------------------------|
| | | Insect killers | Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers [KC 60335-2-59:2015 / IEC 60335-2-59:2009] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Whirlpool baths and whirlpool spas | Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas [KC 60335-2-60:2022 / IEC 60335-2-60:2017] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Thermal storage room heaters | Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal storage room heaters [KC 60335-2-61:2015 / IEC 60335-2-61:2009] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Commercial electric kitchen machines | Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines [KC 60335-2-64:2015 / IEC 60335-2-64:2017] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Air-cleaning appliances | Household and similar electrical appliances - Safety - Part 2-65: Particular requirements for air-cleaning appliances [KC 60335-2-65:2022 / IEC 60335-2-65:2015] | BS-1 | Scheme type 3, Scheme type 5 |
| | | spray extraction machines for commercial use | Household and similar electrical appliances - Safety - Part 2-68: Particular requirements for spray extraction machines, | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|--|---|------|---------------------------------|
| | | | for commercial use [KC 60335-2-68:2015 / IEC 60335-2-68:2021] | | |
| | | Milking machines | Household and similar electrical appliances - Safety - Part 2-70: Particular requirements for milking machines [KC 60335-2-70:2022 / IEC 60335-2-70:2013] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Electrical heating appliances for breeding and rearing animals | Household and similar electrical appliances - Safety - Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals [KC 60335-2-71:2022 / IEC 60335-2-71:2018] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Commercial dispensing appliances and vending machines | Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines [KC 60335-2-75:2015 / IEC 60335-2-75:2018] | BS-1 | Scheme type 3, Scheme type 5 |
| | | High pressure cleaners and steam cleaner | Household and similar electrical appliances - Safety - Part 2-79 : Particular requirements for high pressure cleaners and steam cleaner [KC 60335-2-79:2022/ IEC 60335-2-79:2021] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Fans | Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans [KC 60335-2-80:2022 / IEC 60335-2-80:2015] | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|--|---|------|---------------------------------|
| | | Foot warmers and heating mats | Household and similar electrical appliances - Safety - Part 2-81: Particular requirements for foot warmers and heating mats [K 60335-2-81:2009 / IEC 60335-2-81:2020] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Amusement machines and personal service machines | Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines [KC 60335-2-82:2022 / IEC 60335-2-82:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Toilet appliances | Household and similar electrical appliances - Safety - Part 2-84: Particular requirements for toilet appliances [KC 60335-2-84:2022 / IEC 60335-2-84:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Fabric steamers | Household and similar electrical appliances - Safety - Part 2-85: Particular requirements for fabric steamers [K 60335-2-85:2007 / IEC 60335-2-85:2017] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Drives for rolling shutters, awnings, blinds and similar equipment | Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment [KC 60335-2-97:2015 / IEC 60335-2-97:2019] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Humidifiers | Household and similar electrical appliances - Safety - Part 2-98: | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|--|--|------|---------------------------------|
| | | | Particular requirements for humidifiers [KC 60335-2-98:2015 / IEC 60335-2-98:2008] | | |
| | | Vaporizers | Household and similar electrical appliances - Safety - Part 2-101: Particular requirements for vaporizers [KC 60335-2-101:2015 / IEC 60335-2-101:2014] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Gas, oil and solid-fuel burning appliances having electrical connections | Household and similar electrical appliances - Safety - Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections [KC 60335-2-102:2022 / IEC 60335-2-102:2017] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Electric vehicle conductive charging system | Electric vehicle conductive charging system - Part 1: General requirements [KC 61851-1:2022 / IEC 61851-1:2017] Electric vehicle conductive charging system - Part 22: AC electric vehicle charging station [KC 61851-22:2015 / IEC 61851-22:2001] Electric vehicle conductive charging system - Part 23: DC electric vehicle charging station [KC 61851-23:2018 / IEC 61851-23:2023] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Power electronic converter systems | Safety requirements for power electronic converter | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|--|--|------|---------------------------------|
| | | and equipment | systems and equipment - Part 1: General [K 62477-1:2011 / IEC 62477-1:2022] | | |
| | | Half baths and similar equipment | Safety of household and similar electrical appliances - Particular requirements for half baths and similar equipment [K 10002:2006] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Foot baths and similar equipment | Safety of household and similar electrical appliances - Particular requirements for foot baths and similar equipment [K 10003:2006] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Electrical beds and similar equipment | Safety of household and similar electrical appliances - Particular requirements for electrical beds and similar equipment [K 10004:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Water purifier | Safety of household and similar electrical appliances - Particular requirements for water purifier [K 10007:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Water ionizer | Safety of household and similar electrical appliances Part 2 - Particular requirements for water ionizer [K 10008::2011] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Supersonic washers | Safety of household and similar electrical appliances - Particular requirements for | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|--|--|------|---------------------------------|
| | | | supersonic washers [K 10009:2008] | | |
| | | Sprout and bean sprout growing devices | Safety of household and similar electrical appliances - Particular requirements for sprout and bean sprout growing devices [K 10010:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Electrical door lock | Safety of household and similar electrical appliances - Particular requirements for electrical door lock [K 10011:2011] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Health appliances | Safety of household and similar electrical appliances - Particular requirements for health appliances [K 10012:2013] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Anti-freezing appliances of a waterworks | Safety of household and similar electrical appliances - Particular requirements for anti-freezing appliances of a waterworks [K 10013:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Wet towel rolling machine | Safety of household and similar electrical appliances - Particular requirements for wet towel rolling machine [K 10015:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Wet towel packaging machine | Safety of household and similar electrical appliances - Particular requirements for wet towel packaging machine [K 10016:2008] | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|--|--|------|---------------------------------|
| | | Pet bathtub | Safety of household and similar electrical appliances – Particular requirements for pet bathtub [K 10017:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Electrical warm-water mattresses and beds | Household and similar electrical appliances - Safety - Particular requirements for electrical warm-water mattresses and beds [KC 10018:2021] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Heating pads with non-flexible heated part | Household and similar electrical appliances - Safety - Particular requirements for heating pads with non-flexible heated part [K 10020:2021] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Electric sterilizer | Safety of household and similar electrical appliances - Particular requirements for electric sterilizer [K 70000:2008] | BS-1 | Scheme type 3, Scheme type 5 |
| | | Air conditioner | EFICIENCIA ENERGÉTICA Y ETIQUETADO EN ACONDICIONADORES DE AIRE TIPO CENTRAL, PAQUETE O DIVIDIDO. ETIQUETADO [DGNTI-COPANIT 101:2017] EFICIENCIA ENERGÉTICA Y ETIQUETADO EN ACONDICIONADORES DE AIRE TIPO CUARTO. ETIQUETADO. [DGNTI-COPANIT 102:2017] | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|---|---|------|--|
| | | | <p>EFICIENCIA ENERGÉTICA Y ETIQUETADO EN ACONDICIONADORES DE AIRE TIPO DIVIDIDO, DESCARGA LIBRE Y SIN DUCTOS DE AIRE LIBRE. ETIQUETADO. [DGNTI-COPANIT 103:2017]</p> <p>EFICIENCIA ENERGÉTICA EN ACONDICIONADORES DE AIRE TIPO DIVIDIDO(INVERTER) CON FLUJO DE REFRIGERANTE VARIABLE, DESCARGA LIBRE Y SIN DUCTOS DE AIRE. ETIQUETADO. [DGNTI-COPANIT 104:2017]</p> | | |
| | | Electric refrigeration and freezing equipment | <p>EFICIENCIA ENERGÉTICA DE REFRIGERADORES Y CONGELADORES ELECTRODOMÉSTICOS. ETIQUETADO. [DGNTI-COPANIT 105:2017]</p> | BS-1 | Scheme type 3, Scheme type 5 |
| | | Air conditioner | <p>ELECTRICAL PRODUCTS. INVERTER SPLIT TYPE AIR CONDITIONERS, WITH VARIABLE REFRIGERANT FLOW, FREE DISCHARGE AND WITHOUT AIR DUCTS. ENERGY EFFICIENCY SPECIFICATIONS. [RTCA 23.01.78:20]</p> <p>Energy efficiency for</p> | BS-1 | Scheme type 1a, Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|---|---|------|--|
| | | | ductless air conditioners [RTE INEN 072 (1R):2017 / RTE INEN 072 (2R):2024] ENERGY EFFICIENCY IN AIR CONDITIONERS OF DIVIDED AIR TYPE WITH FLOW OF REFRIGERANT VARIABLE, DISCHARGE FREE AND WITHOUT AIR DUCT. LIMITS AND METHODS OF TESTING. [DGNTI-COPANIT 509:2017] Energy efficiency in air conditioners divided type (Inverter) with flow of refrigerant variable, discharge free and without duct. Limits, methods of testing and labeling. [NOM-026-ENER:2015] | | |
| | | Electric refrigeration and freezing equipment | Energy efficiency in refrigeration appliances of domestic use. Report of energy consumption, methods of testing and labeling [RTE INEN 035 (1R):2020] | BS-1 | Scheme type 1a, Scheme type 3, Scheme type 5 |
| | | Electric washing machine | Energy efficiency of domestic clothes washing machines. Limits, methods of testing and labeling [RTE INEN 077:2013] | BS-1 | Scheme type 1a, Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|---|----------------------|----------------------|--|------|--|
| | | Microwave ovens | Energy efficiency for microwaves [RTE INEN 123:2014] | BS-1 | Scheme type 1a, Scheme type 3, Scheme type 5 |
| | | Electric dryer | Energy efficiency and labeling of clothes washer-dryer machines [RTE INEN 124:2014] | BS-1 | Scheme type 1a, Scheme type 3, Scheme type 5 |
| | | Vacuum cleaner | Vacuum Cleaners [RTE INEN 197(1R):2020] | BS-1 | Scheme type 1a, Scheme type 3, Scheme type 5 |
| 03.052 Manufacture of other electrical equipment | Explosive atmosphere | Explosive atmosphere | <p>Explosive atmospheres - Part 0: Equipment - General requirements [KS C IEC 60079-0:2017 / IEC 60079-0:2017]</p> <p>Explosive atmospheres - Part 1 : Equipment protection by flameproof enclosures "d" [KS C IEC 60079-1:2014 / IEC 60079-1:2014]</p> <p>Explosive atmospheres - Part 2 : Equipment protection by pressurized enclosure "p" [KS C IEC 60079-2:2014 / IEC 60079-2:2014]</p> <p>Explosive atmospheres - Part 5 : Equipment protection by powder filling "q" [KS C IEC 60079-5:2015 / IEC 60079-5:2015]</p> | BS-1 | Scheme type 3, Scheme type 5 |

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| Group | Products | Category of product | Standard | Site | Scheme type |
|-------|----------|---------------------|---|------|-------------|
| | | | Explosive atmospheres - Part 6 : Equipment protection by liquid immersion "o" [KS C IEC 60079-6:2015 / IEC 60079-6:2015] | | |
| | | | Explosive atmospheres - Part 7 : Equipment protection by increased safety "e" [KS C IEC 60079-7:2015 / IEC 60079-7:2015] | | |
| | | | Explosive atmospheres - Part 11 : Equipment protection by type of protection "i" [KS C IEC 60079-11:2011 / IEC 60079-11:2011] | | |
| | | | Explosive atmospheres - Part 15 : Equipment protection by type of protection "n" [KS C IEC 60079-15:2017 / IEC 60079-15:2017] | | |
| | | | Explosive atmospheres - Part 18 : Equipment protection by encapsulation "m" [KS C IEC 60079-18:2014 / IEC 60079-18:2014] | | |

End.